CONSTRUCTION NEWS

Engineering News-Record, Feb. 18, 1926

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Apartment, Chicago, Ill., J. Hunt making plans for 16 story building, $5,000,000.

Hotel, Chicago, Ill., Plotke & Groeby plan 25 story building, $5,000,000.

Power plant, Venice, Ill., Illinois Power & Light Corp. plan addition, $5,000,000.

Hospital, Pittsburgh, Pa., Allegheney General Hospital having plans prepared, $5,000,000.

Office, Boston, Mass., Blackall, Cass and Whittemore preparing plans, $2,500,000.

Pumping station, Eagle Pass, Tex., Maverich Co. having surveys made, $2,000,000.

Hotel and office, Gulfport, Miss., Odd Fellows Lodge having plans prepared, $1,500,000.

Theatre and Hotel, Ft. Worth, Tex., J. Jones having plans prepared, $1,500,000.

Depot, Texarkana, Ark., Missouri-Pacific R.R. Co., et al having preliminary plans prepared, $1,300,000.

Insurance Exchange, Pittsburgh, Pa., Pittsburgh Insurance Exchange having plans prepared, $1,250,000.

Bids Wanted On Big Jobs

College, Philadelphia, Pa., Feb. 27, St. Joseph's College, $1,500,000.

Channel, St. Louis, Mo., City soon takes bids, $1,265,000.

Continuation school, Milwaukee, Wis., Mar. 1, Bd. Industrial Educ., $1,000,000.

Hospital, Chicago, Ill., Mar. 15, Alpine Hospital, $1,000,000.

Bank, Albany, N. Y., Home Savings Bank soon takes bids, $1,000,000.

Large Contracts Let During Week

Office and store, Chicago, Ill., A. S. Alchuler, archt., to Paschen Bros., $4,500,000.

Factory, Port Ivory, N. Y., Proctor and Gamble to J. W. Ferguson, $3,000,000.

Sewage Disposal Plant, Akron, O., to Walsh Constr. Co., $2,561,586.

Kamper Building, Detroit, Mich., to O. Misch Co., $2,500,000.

Cement mill, Powderly, Ala., Phoenix Portland Cement Corp., $2,500,000.

Garage, Boston, Mass., Y. D. Yard Service Garages, Inc., by day labor, $2,250,000.

PROPOSALS

For Proposals Advertised
see pages 120-125
Advertising Section

Bids Close		See Eng. News-Record
WATERWORKS		
Feb. 19	Long Island City, N. Y.	Feb. 11
Feb. 19	Wash., D. C.	Feb. 18
Feb. 23	Muskegon, Mich.	Feb. 18
Feb. 23	Nashville, Tenn.	Feb. 18
Feb. 23	Phila., Pa.	Feb. 18
Feb. 24	Willard, N. Y.	Jan. 21
Feb. 25	Potsdam, N. Y.	Feb. 4
Feb. 26	Dunkirk, N. Y.	Feb. 11
Mar. 1	Wenatchee, Wash.	Feb. 4
Mar. 2	Winona, Miss.	Feb. 18
Mar. 2	Baraboo, Wis.	Feb. 18
Mar. 2	Terra Bella, Calif.	Feb. 18
Mar. 3	Greenville, Tex.	Feb. 4
Mar. 4	McMinnville, Tenn.	Feb. 18
Mar. 15	Crane, Mo.	Feb. 18
Mar. 26	East Paterson, N. J. Adv. Feb. 18.	Feb. 18
SEWERS		
Feb. 23	Two Rivers, Wis.	Feb. 18
Feb. 23	Chicago, Ill.	Feb. 18
Feb. 23	Toronto, Ont.	Feb. 18
Feb. 23	Corpus Christi, Tex.	Feb. 18
Feb. 24	University (St. Louis P. O.), Mo.	Feb. 18
Feb. 24	Cleveland, O.	Feb. 18
Feb. 24	South Euclid (Cleveland P. O.), O.	Feb. 18
Feb. 24	Phila., Pa.	Feb. 18
Feb. 26	Marshfield, Wis.	Feb. 18
Feb. 26	Louisville, Ky.	Feb. 4
Mar. 1	Clayton, Mo.	Jan. 28
Mar. 2	Jacksonville Beach, Fla. Adv. Feb. 4 to 18.	Feb. 4
Mar. 2	Waco, Tex.	Feb. 11
Mar. 2	Dickson, Tenn.	Feb. 18
Mar. 10	Waco, Tex.	Jan. 7
Mar. 15	Waco, Tex.	Jan. 21
Mar. 16	West Palm Beach, Fla. Adv. Feb. 18.	Feb. 18
BRIDGES		
Feb. 19	Dayton, O	Feb. 4
Feb. 20	Racine, Wis.	Feb. 11
Feb. 23	Denison, Ia.	Feb. 18
Mar. 1	California	Feb. 18
Mar. 1	Key West, Fla.	Jan. 21
Mar. 3	Phila., Pa. Adv. Feb. 18.	Feb. 18
Mar. 3	Mercer, Pa. Adv. Feb. 18.	Feb. 18
Mar. 9	Louisiana	Feb. 18
Mar. 16	South Carolina	Feb. 18
Mar. 18	Laverne, Okla.	Feb. 11
DAMS		
Mar. 15	Los Angeles, Calif.	Jan. 28
Mar. 23	Wellington, New Zealand	Jan. 21
EXCAVATION, DRAINAGE IRRIGATION, LEVEES RIVER AND HARBOR		
Feb. 25	Greenwood, Miss.	Feb. 18
Mar. 3	New York Adv. Feb. 18.	Feb. 18
STREETS AND ROADS		
Feb. 19	Pennsylvania	Jan. 14
Feb. 19	Hartford City, Ind.	Feb. 4
Feb. 19	Ohio	Feb. 11
Feb. 19	Phila., Pa.	Feb. 18
Feb. 20	Pennsylvania	Jan. 14
Feb. 20	Mason, Mich.	Feb. 18
Feb. 22	Ontario	Jan. 28
Feb. 23	St. Charles, Ill.	Feb. 18
Feb. 23	Seattle, Wash.	Feb. 11
Feb. 23	Carroll, Ia.	Feb. 11
Feb. 23	McPherson, Kan.	Jan. 28
Feb. 23	Louisiana	Jan. 28
Feb. 23	Peekskill, N. Y. Adv. Feb. 4 to 18.	Feb. 4
Feb. 23	Louisiana	Feb. 4
Feb. 23	Hamburg, N. Y.	Feb. 11
Feb. 23	Greensburg, Pa.	Feb. 11
Feb. 23	Los Angeles, Calif.	Feb. 11
Feb. 23	East Orange, N. J.	Feb. 18
Feb. 23	La Belle, Fla.	Feb. 18
Feb. 24	Nebraska	Feb. 4
Feb. 24	Two Rivers, Wis.	Feb. 18
Feb. 24	Walnut Creek, Calif.	Feb. 18
Feb. 24	Cleveland, O.	Feb. 18
Feb. 24	Hanford, Calif.	Feb. 18
Feb. 25	Kenosha, Wis.	Jan. 14
Feb. 25	Nebraska	Feb. 4
Feb. 25	Quitman, Miss.	Feb. 18
Feb. 25	Greenfield, Ind.	Feb. 18
Feb. 26	Kittanning, Pa.	Jan. 28
Feb. 26	Nebraska	Feb. 4
Feb. 26	Ottumwa, Ia.	Feb. 18
Feb. 27	Napoleonville, La.	Feb. 18
Feb. 27	Waxahachie, Tex.	Feb. 18
Feb. 28	Indiana	Feb. 4
Mar. 1	Pensacola, Fla.	Feb. 11
Mar. 1	Selma, Ala.	Feb. 11
Mar. 1	Birmingham, Ala.	Feb. 11
Mar. 1	Ebensburg, Pa.	Feb. 11
Mar. 1	Akron, O.	Feb. 18
Mar. 1	Martinez, Calif.	Feb. 18
Mar. 1	New Jersey Adv. Feb. 11 and 18.	Feb. 18
Mar. 1	San Diego, Calif.	Feb. 18
Mar. 1	Oroville, Calif.	Feb. 18
Mar. 2	Williamson, W. Va.	Feb. 18
Mar. 2	St. Louis, Mo.	Feb. 11
Mar. 2	Florida Adv. Feb. 11 and 18.	Feb. 11
Mar. 2	Pennsylvania Adv. Feb. 4 to 18.	Feb. 4
Mar. 2	Louisiana	Feb. 4
Mar. 2	Chilton, Wis.	Jan. 28
Mar. 2	Bedford, Ind.	Feb. 18
Mar. 2	Anderson, Ind.	Feb. 18
Mar. 2	South Carolina	Feb. 18
Mar. 2	Asbury Park, N. J.	Feb. 18
Mar. 2	North Dakota Adv. Feb. 18.	Feb. 18
Mar. 3	Camden, N. J. Adv. Feb. 18.	Feb. 18
Mar. 3	North Dakota Adv. Feb. 18.	Feb. 18
Mar. 3	Linden, Tex.	Feb. 18
Mar. 3	Anderson, Tex.	Feb. 18
Mar. 3	New Jersey Adv. Feb. 18.	Feb. 18
Mar. 4	Boston, Tex.	Feb. 18
Mar. 4	North Dakota Adv. Feb. 18.	Feb. 18
Mar. 4	Corning, N. Y. Adv. Feb. 18.	Feb. 18
Mar. 4	Carthage, Tex.	Feb. 18
Mar. 5	North Dakota Adv. Feb. 18.	Feb. 18
Mar. 8	Dickinson, N. D.	Feb. 11
Mar. 8	Muskegon, Mich.	Feb. 18
Mar. 8	Indianapolis, Ind.	Feb. 18
Mar. 8	California	Feb. 18
Mar. 9	North Dakota Adv. Feb. 18.	Feb. 18
Mar. 9	Rosedale, Miss.	Feb. 18
Mar. 10	Alabama	Feb. 11
Mar. 10	Birmingham, Ala.	Feb. 18
Mar. 10	Wash., D. C. Adv. Feb. 18.	Feb. 18
Mar. 10	Delaware Adv. Feb. 18.	Feb. 18
Mar. 16	Louisiana	Feb. 18
Mar. 25	Florida Adv. Feb. 18.	Feb. 18
BUILDINGS—INDUSTRIAL		
Feb. 23	Wilson, Pa.	Feb. 18
Feb. 23	Phila., Pa.	Feb. 18
Feb. 23	Memphis, Tenn.	Feb. 18
Feb. 29	Phila., Pa.	Feb. 18
Mar. 1	Chicago, Ill.	Jan. 14
BUILDINGS—COMMERCIAL		
Feb. 20	Vincennes, Ind.	Feb. 18
Feb. 23	Morehead City, N. C.	Feb. 11
Feb. 27	Bettendorf, Ia.	Feb. 4
Feb. 27	Davenport, Ia.	Feb. 18
Mar. 1	Duluth, Minn.	Jan. 7
Mar. 1	Pensacola, Fla.	Feb. 11
Mar. 1	Williamsport, Pa.	Feb. 4
Mar. 1	Royal Oak (Ind. br. Detroit), Mich.	Feb. 18
Mar. 2	Columbus, O.	Feb. 11
Mar. 3	Newark, N. J.	Feb. 11
Mar. 15	Altoona, Pa.	Feb. 11
Mar. 15	Muncie, Ind.	Feb. 18
Apr. 1	Lakewood (br. Cleveland), O.	Feb. 11
Apr. 1	Moline, Ill.	Jan. 14
Apr. 1	Youngstown, O.	Dec. 31

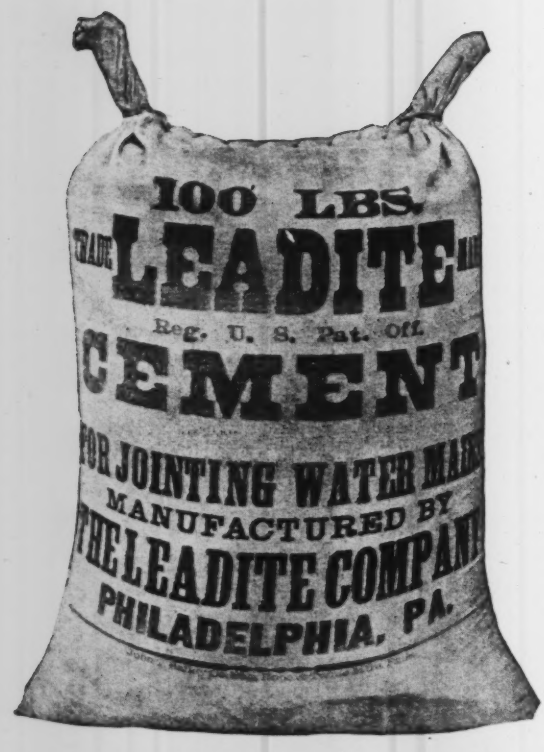
See proposal advertisements on page 120, Advertising Section.

TRADE "LEADITE" MARK
Registered U. S. Pat. Office

A list of the Country's principal cities, large and small—

Is a list of the satisfied users of LEADITE.

Leadite Users are Leadite Boosters



EAST or West, North or South, take your pick of the cities—and you'll find many of them on the customer list of Leadite—

The country's principal cities, large and small—the country's representative water works engineers, construction companies and water works departments of industrial plants, railroads and mines are strong for Leadite for jointing cast iron water mains—

Are demonstrating what you will be able to do when you use Leadite—

What, for instance?—

You will do away with the need for caulking—or the need for digging out for large bell holes.

You will be able to use Leadite for all sizes of pipe from 4 in. to 60 in. diameter—under all pressures and conditions—

Give Leadite a trial.

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The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1511 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids Close		See Eng. News-Record

BUILDINGS—EDUCATIONAL, RELIGIOUS

Feb. 19	Wash., D. C.	Feb. 11
Feb. 19	Paulsboro, N. J.	Feb. 4
Feb. 22	Ferndale (br. Detroit), Mich.	Jan. 21
Feb. 22	Enid, Okla.	Feb. 18
Feb. 22	Phila., Pa.	Feb. 18
Feb. 23	St. Louis, Mo.	Feb. 18
Feb. 23	Moylan, Pa.	Feb. 18
Feb. 23	Waterbury, Conn.	Feb. 18
Feb. 23	Ft. Worth, Tex.	Feb. 18
Feb. 23	Beloit, Wis.	Jan. 28
Feb. 23	Marshfield, Wis.	Feb. 4
Feb. 23	Detroit, Mich.	Feb. 11
Feb. 23	Chicago, Ill.	Feb. 11
Feb. 24	Laurel, Miss.	Feb. 11
Feb. 24	San Francisco, Calif.	Feb. 11
Feb. 24	Williamsport, Pa.	Jan. 7
Feb. 24	Laurel, Miss.	Feb. 18
Feb. 25	Omaha, Neb.	Feb. 18
Feb. 25	Erie, Pa.	Feb. 18
Feb. 26	Quincy (Ind. br. Boston), Mass.	Feb. 18
Feb. 27	Phila., Pa.	Feb. 18
Feb. 27	Duluth, Minn.	Dec. 17
Mar. 1	Milwaukee, Wis.	Feb. 18
Mar. 1	Newberry, Mich.	Jan. 28
Mar. 1	Melvindale (Dearborn P. O., R. F. D. 2), Mich.	Feb. 18
Mar. 1	Walpole, Mass.	Feb. 18
Mar. 3	Baton Rouge, La.	Jan. 21
Mar. 3	Olympia, Wash.	Feb. 18
Mar. 4	West Haverstraw, N. Y. Adv. Feb. 18.	Jan. 21
Mar. 4	Daytona, Fla.	Feb. 18
Mar. 8	Maplewood (br. South Orange), N. J. Adv. Feb. 18.	Feb. 18
Mar. 8	Dayton, O.	Feb. 11
Mar. 15	Lewistown, Pa.	Jan. 21

FEDERAL GOVERNMENT WORK

Feb. 19	Mezzanine—Cincinnati, O.	Feb. 4
Feb. 19	Cable, Transformer, etc. — Wash., D. C.	Feb. 11
Feb. 23	Valves, etc.—Nebraska and Wyoming	Jan. 28
Feb. 23	Remodeling — Brownsville, Tex.	Jan. 28
Feb. 23	Remodeling—Evanston, Ill.	Feb. 4
Feb. 24	Administration—Pearl Harbor, T. H.	Jan. 7
Feb. 24	Water Meter, etc.—San Diego, Calif.	Jan. 28
Feb. 24	Pipe Masts—Panama, C. Z.	Feb. 4
Feb. 25	Remodeling—Hutchinson, Kan.	Feb. 4
Feb. 26	Dredging — New York, N. Y. Adv. Jan. 28 to Feb. 18.	Jan. 28
Feb. 26	Mailing Shelter—Macon, Ga.	Feb. 11
Feb. 26	Tunnel, etc.—Phila., Pa. Adv. Feb. 18.	Feb. 18
Mar. 1	Steel Work—Phila., Pa. Adv. Feb. 18.	Feb. 18
Mar. 1	Cruiser—Wash., D. C.	Dec. 31
Mar. 1	Elevator—Wash., D. C. Adv. Feb. 4 to 18.	Feb. 4
Mar. 2	Water Tanks—Palo Alto, Calif.	Feb. 4
Mar. 3	Hospital—Mare Island, Calif.	Jan. 21
Mar. 3	Compass Station—Cape Lookout (mail Beaufort), N. C.	Feb. 4
Mar. 3	Remodeling—Erie, Pa.	Feb. 18
Mar. 3	Dredging—South Boston (sta. Boston), Mass.	Feb. 18
Mar. 8	Post Office—Jackson, Mich. Adv. Feb. 18.	Feb. 18
Mar. 9	Outlet Pipes—Oregon	Feb. 4
Mar. 9	Cement—Louisville, Ky. Adv. Feb. 11 and 18.	Feb. 11
Mar. 10	Post Office—Terre Haute, Ind.	Feb. 18
Mar. 15	Breakwater—Hilo, T. H. Adv. Jan. 21 to Feb. 18.	Jan. 21
Mar. 15	Dam—Louisville, Ky. Adv. Feb. 18.	Feb. 18
Mar. 17	Dredging—Toledo, O.	Feb. 18

UNCLASSIFIED

Feb. 19	Timber Flume, etc.—Brooklyn, N. Y.	Feb. 18
Feb. 24	Sanitary Work, etc.—Willard, N. Y. Adv. Jan. 21 to Feb. 18.	Feb. 4
Feb. 25	Brooklyn, N. Y.	Feb. 11
Feb. 26	Subway—New York City, N. Y.	Feb. 18
Feb. 26	Culvert—Cleveland, O.	Feb. 18
Mar. 1	Lighting System—New York City, N. Y.	Feb. 18
Mar. 2	Grand Stand—Sacramento, Calif.	Feb. 18
Mar. 18	Lighting System—Gouverneur, N. Y. Adv. Feb. 18.	Feb. 18
Mar. 23	Panels, Filters, etc.—Wellington, N. Z.	Jan. 21

MATERIALS

Feb. 19	Stone and Cement, etc. — Cleveland, O.	Feb. 18
Feb. 20	Railroad Crossing, Frogs, etc. —Newark, N. J.	Feb. 18
Feb. 23	Pipe—North Dakota	Feb. 11
Feb. 23	Road Oil, etc.—Two Rivers, Wis.	Feb. 18
Feb. 23	Asphalt, etc.—Ottawa, Ont.	Feb. 18
Feb. 23	Stone—Newark, N. J.	Feb. 18
Feb. 23	Pig Lead—Phila., Pa.	Feb. 18
Feb. 24	Asphalt, etc.—Ontario	Feb. 4
Feb. 24	Asphalt, Cement, etc. — Hamilton, Ont. Adv. Feb. 11 and 18.	Feb. 18
Feb. 24	Asphaltic Cement, etc. — St. George, N. Y.	Feb. 18
Mar. 2	Gravel—Logansport, La.	Feb. 18
Mar. 2	Creosoted Ties—Phila., Pa. Adv. Feb. 11 and 18.	Feb. 11
Mar. 3	Crushed Stone, etc.—Freehold, N. J. Adv. Feb. 18.	Feb. 18

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Conn., Norwalk — Plans several water system improvements and extensions, incl. main pipes, tanks and reservoir. $400,000. E. F. Bracker, city engr. N. Hill, Jr., 112 East 19th St., New York City, consult. engr.

N. J., Clinton—G. B. Smith, mayor and City Council plan municipal water plant. $100,000. Engineer not selected.

Pa., Phila.—Phila. Suburban Water Co., Fox Bldg., making plans 1 story, 68 x 154 ft., brick and steel filter and pumping station, also 1,500 ft. rein.-con. dam, 40 ft. high, in Phoenixville. Private plans.

N. C., Monroe—Takes bids about Mar. 8, 2 m.g. filtration plant, 2 mi. c.i. pipe and earth dam. Carolina Eng. Co., 919 Johnson Bldg., Charlotte, engrs. Noted Dec. 17.

Ga., Montezuma—Election Feb. 24, $18,000 bonds, waterworks improvements.

Miss., Gulfport—Plans additional reservoir, etc. G. Odom, street comr.

O., Batavia — Plans filtration plant. $25,000.

O., Columbus—Made plans 15,260 ft. 2- to 8-in. wrought iron mains in Truro Twp. 4, Impvt. 46, $29,000; 16, 870 ft. 6- to 16-in. c.i. mains in Truro Twp. 1, Impvt. 47, $64,000. E. G. Bradbury, 406 Court House Annex, co. engr.

O., Conneaut—Plans new filtration plant. $200,000.

O., Corning—Plans improving water supply. $25,000.

O., Fostoria—Plans expending $175,000 purifying drinking water.

O., New Richmond — Plans improving water supply. $25,000.

O., New Richmond — Plans expending $25,000 purifying drinking water.

O., Painesville—Plans improving filtration plant, etc. $200,000.

O., Salineville—Plans improving water supply. $25,000.

Wis., North Milwaukee—Making plans 15 blocks c.i. mains in 10 streets. To exceed $15,000. H. C. Webster, 216 West Water St., Milwaukee, engr.

Minn., Hills—Plans waterworks. $30,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, Ia., engrs.

N. D., Jamestown—Election Apr. 6, $90,000 bonds, filtration plant.

Mo., Forsyth — Plans election bonds to exceed $15,000, new waterworks.

Tex., Carrollton — Voted $40,000 bonds, complete waterworks. Municipal Eng. Co., 602 Praetorian Bldg., Dallas, engrs.

Tex., Lufkin—Making plans 2 mi. mains in various streets. $18,000. Address C. N. Humason, mayor.

Tex., West — City purchased plant of West Water Co., and plans improvements. Address Mayor.

Calif., Palo Alto—Plans election $25,000 or more bonds extending mains in North Palo Alto and Mayfield Dists. J. F. Byxbee, Jr., city engr.

Ont., Toronto—City Council plans 12,000 ft. 16 and 20 in. c.i. mains from High Level Pumping Station to Moore Park Area. $152,562. R. C. Harris, City Hall, engr.

Ont., Toronto—York Twp. plans 10,000 ft. 6 in. c.i. distribution mains in Humbercrest Blvd., Longmuir Crescent, Cataract St., Scott and Times Rds., Ossington, Porter, Woodbine, Schell, Halford and Waller Aves. $25,000. F. B. Goedike, 49 Jarvis St., engr.

Ont., Toronto — City Council plans reconstructing waterworks, incl. mains, distribution pipes, etc., on Toronto Island. $229,160. R. C. Harris, City Hall, engr.

BIDS DESIRED

N. J., East Paterson—Mar. 26, by Mayor and Boro Council, Gilbert Ave. School, water supply system. H. J. Harder, 129 Market St., Paterson, engr.; adv. E. N.-R. Feb. 18. Noted Dec. 10.

Pa., Phila.—Feb. 23, by Dept. Pub. Wks., City Hall, electrical pumping equipment. Contr. 797, also switch boards, wiring and electrical equipment, Contr. 798, for Torresdale Pumping Station. G. H. Biles, dir.

D. C., Wash.—Feb. 19, at office Washington Suburban Sanitary Comn., Evans Bldg., New York Ave., 116,000 ft. 6- to 16-in. and 3,000 ft. 20 in. c.i. pipe Contrs. 56-W and 57-W. R. B. Morse, Hyattsville, Md., ch. engr. Dist. of Columbia.

Miss., Winona—Mar. 2, by J. Q. Staples, mayor, and Bd. Aldermen, at mayor's office, one 1,000 gal. combination electric motor and gasoline engine driven fire pump with equipment, one 750 gal. motor driven fire pump, and one 325 gal. motor driven service pump. W. F. Blackstone, city clk.

Tenn., McMinnville—Mar. 4, by City, J. T. Johnson, mayor, Contr. 1, 6 centrifugal pumps and electric motors; Contr. 2, filtration plant and equipment; Contr. 3, concrete work, installing pumps, mains, etc.; Contr. 4, tank on tower. Klyce & Harrub, 4th & 1st Natl. Bank Bldg., Nashville, engrs.

Tenn., Nashville—Feb. 23, by City, 1,000 water meters and couplings. H. E. Howse, mayor. Noted Jan. 21.

Mich., Muskegon — Feb. 23 (extended date), by I. L. Christiansen, city clk., 6 cars 6 in. vitr. pipe, 50 manhole and 50 catch basin castings, miscellaneous fittings, etc. $5,300. H. J. Lewis, City Hall, engr.

Wis., Baraboo—Mar. 2, by S. H. Wood, city clk., 1 single acting triplex plunger pump, not less than 450 g.p.m., against 260 ft. head. H. E. French, City Hall, engr.

Mo., Crane — Mar. 15, by City, pumping equipment, concrete storage reservoir, etc. Noted Dec. 31.

Calif., Terra Bella—Mar. 2, by Directors Terra Bella Irrigation Dist., E. R. Clemens, secy., drilling 2 wells, each 500 ft. deep, 14 in. diam., and 1,000 ft. 14 in. double No. 12 perforated and plain well casing.

BIDS RECEIVED

O., Cincinnati—For 10 tons 6 in., 5 tons 8 in., 45 tons 10 in., 55 tons 12 in., 135 tons 16 in., 250 tons 20 in., 275 tons 24 in., 360 tons 30 in., and 175 tons 36 in. c.i. pipe for mains in Central Parkway from 8th and Eggleston Sts., to Findlay St., from U. S. Cast Iron Pipe Co., Addyston, $67,211, engrs. est. $70,000; 16- to 30-in. vertical and horizontal by-pass valves to water distribution system, from Michigan Valve & Fdry. Co., 3631 Parkinson St., Detroit, Mich., $12,235, engrs. est. $13,000. Noted Jan. 28.

O., Cincinnati — Comrs. Hamilton Co., 3,400 ft. 16 in. c.i. mains, etc., in Water Supply Line 7, Dist. 1 (Silverton-Contr. 1), from Crumley, Jones & Crumley, 906 Main St., $20,206. Engrs. est. $22,698. Noted Jan. 21.

Mo., St. Louis—C. J. Dietz, supply comr., City Hall, Feb. 4, from U. S. Cast Iron Pipe & Fdry. Co., Bessemer, Ala., 1,260 tons 20 in. and 800 tons 36 in. pipe at $45.40 per ton, total $93,524, and from Natl. Cast Iron Pipe Co., 2700 North 24th St., Birmingham, Ala., 30 tons 3 in. c.i. pipe $56, 50 tons 4 in. $50, 675 tons 6 in. $46, 20 tons 8 in. $46, and 440 tons 12 in. $46, total $56,390, all above for Water Dept. Noted Jan. 28.

CONTRACTS AWARDED

Conn., New Haven—New Haven Water Co., concrete dams, dykes, rein.-con. main dam and earthern dam, in North Branford (mail Branford), to C. W. Blakeslee & Sons, 58 Waverly St., New Haven. Engrs. est. $750,000.

Pa., Oakmont—See "Unclassified."

Mich., Detroit—Dept. Water Supply, 176 East Jefferson Ave., to Gamon Meter Co., 282 South St., Newark, N. J., one hundred 2 in. disc meters at $37.85; to Badger Meter Mfg. Co., 841 30th St., Milwaukee, Wis., two thousand ¾ in. disc meters $9.25, two hundred 1½ in. at $24.90, and thirty-six 3 in. compound at $120; to Buffalo Meter Co.,

See proposal advertisements on page 120, Advertising Section.

Quick-Hardening Concrete

Strong Concrete

in _3 Days_ with

Standard _Universal_ Cement

Urgent needs in construction often demand that your work be rushed to completion and placed in service as soon as possible. In such cases, you do not want to wait the number of days usually allowed for concrete to reach the desired strength. You do not need to.

A copy of the circular shown above on how to obtain quick-hardening, *strong* concrete in *3 days* with standard *Universal* cement, the same quality *Universal* you have always used, will be mailed you on request to

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland New York

Concrete for Permanence

Waterworks (Continued)

2921 Main St., Buffalo, N. Y., six 4 in. discs, $158; and to Worthington Pump & Mchy. Corp., 115 Bway., New York City, six 6 in. disc meters $325. Noted Jan. 28.

Minn., Faribault — Approximately 7,000 lin.ft. c.i. pipe, 10 tons standard fittings, etc., to Amer. Cast Iron Pipe Co., 712 Plymouth Bldg., Minneapolis, approximately $7,000.

Kan., Humboldt — Filtration plant and Keystone filter equipment, to Fry Bros., Iola, $11,865. Noted Jan. 14.

Mo., Crane—W. C. Cope, city clk., 1,000 ft. well, to O. B. Chesser, Springfield, $3,375; 39 valves and boxes, also 30 fire hydrants, to Ludlow Valve Mfg. Co., foot of Adams St., Troy, N. Y., $2,165; one 60,000 gal. tank on tower, to Pittsburgh Des Moines Co., Tuttle and South West 10th Sts., Des Moines, Ia., $5,374; 33,344 ft. 2- to 8-in. c.i. pipe, to McWane Cast Iron Pipe Co., 27th Ave., N., Birmingham, Ala., $17,623. Grand total $28,534. Noted Dec. 31.

Wash., Seattle—Bd. Pub. Wks., reconstructing mains in Federal Ave., to H. Argenteria, 1819 Weller St., $49,239. Engrs. est. $51,706. Noted Feb. 11.

Calif., Antioch—Pumping unit, pump to be single stage 1,400 g.p.m., head 200 ft., direct connected to 100 hp. motor, to Fairbanks-Morse Co., 651 Mission St., San Francisco, $4,117.

Calif., Santa Cruz—For 6,300 lin.ft. 12 in. DeLavaud c.i. pipe, to U. S. Cast Iron Pipe & Fdry. Co., Monadnock Bldg., San Francisco, $13,106. Noted Jan. 21.

Calif., Wasco — Director Wasco Pub. Utility Dist., 27,000 ft. 4- to 10-in. de Lavaud c.i. mains in various streets, to E. K. Angle, Dos Palos, $38,056. Noted Jan. 21.

Sewers

PROPOSED WORK

Conn., New Haven—Plans sewage disposal plant, East St. $600,000. E. S. Nettleton, city engr. Fuller & McClintock, 120 Bway., New York City, consult. engrs. Noted Oct. 29.

Pa., Chester — Dept. Streets & Pub. Impvts., takes bids in June (1st unit) intercepting sewerage system and disposal plant. $2,500,000. R. C. Wheeler, Chester, engr.

O., Brookville—Montgomery Co. (Dayton) plans sewerage system and disposal plant. $50,000.

O., Columbus—Made plans 25,025 ft. 6- to 39-in. sewers in Truro Twp. 1, Impvt. Dist. 59, $91,000; 5,500 ft. 8 in. sewers in Truro Twp. 1, Impvt. Dist. 73, $9,000; also 3 mi. 39- to 63-in. trunk sewer from Alum Creek disposal plant to U. S. Govt. warehouse and army post, $150,000. E. G. Bradbury, 406 Court House Annex, co. engr.

O., Dayton—See "Streets and Roads."

O., Jackson — Plans enlarging sewage treatment plant. $50,000.

O., Kenmore (br. Akron)—Plans sewers connecting with Akron system. $450,000.

O., New Lexington—Plans sewers and disposal plant. $150,000-$200,000.

Mich., Muskegon—I. R. Ellison, city mgr., City Hall, receiving plans sewage treatment plant, $600,000. H. J. Lewis, City Hall, engr.

Mich., Muskegon—E. R. Cockerill, supt. Drains Muskegon Co., R.R. 1, Montague, takes bids about Apr. 1, 1,500 ft. 6- to 60-in. rein.-con. and concrete, also 4,500 ft. 12- to 24-in. vitr. clay sewers in Ruddiman Creek Valley, East Branch. $45,000. M. M. Buck, Union Bank Bldg., engr.

Ill., Mound City — Making preliminary plans sewerage system. W. N. Moyers, 311 High St., head com. in charge. Engineer not selected.

Ill., Normal—Making surveys complete sanitary sewerage system. $85,000. G. O. Broyhill, Unity Bldg., Bloomington, engrs.

Wis., North Milwaukee — Making plans approximately concrete or vitr. sewers in 16 blocks various streets. To exceed $25,000. H. C. Webster, 216 West Water St., Milwaukee, engr.

Mo., Moberly—Election Apr. 6, $75,000 bonds, sewage disposal plant.

Mo., St. Louis—Soon takes bids 1.5 mi. partially lined and open channel for Sect. C River Des Peres Sewer Project between north end Sect. B (now under construction) and point about 1,200 ft. east of Mackling Ave., etc. $1,265,000. W. W. Horner, 300 City Hall, engr. Noted Dec. 3.

Calif., El Cerrito—Made plans approximately 50,000 lin.ft. 6 in. vitr. sewers in Berkeley Country Club Terrace. R. L. Calfee, 221 South 22nd St., Richmond, engr.

Calif., Glendale—Made plans 49,782 ft. 8 in. vitr. sewers, 26,533 ft. house connections, etc., in Sewer Dist. 3. J. F. Johansen, city engr.

Calif., Glendale — Making plans sewer laterals in Dists. 6 and 7. To exceed $300,000. J. F. Johannsen, city engr.

Calif., Palo Alto—Plans election to exceed $25,000 bonds, sewers in North Palo Alto and Mayfield Dists. J. F. Byxbee, Jr., city engr.

Calif., Santa Monica—Made plans sewerage system, 32,000 lin.ft. 24 in. c.i. force main, pumping station consisting two 4,000 g.p.m. centrifugal pumps, etc. $300,000 or more. H. B. Carter, city engr.

Calif., Yuba — City Trustees take bids about Mar. 10, 70,000 lin.ft. 6- to 16-in. sewers in various streets. E. von Geldern, city engr.

Ont., Toronto — York Twp. plans vitr. clay sewers in Kane Ave., $20,886; and Humbercrest Blvd., $12,981. Work involves 8,000 ft. 8 in. pipe. F. G. Goedike, 40 Jarvis St., engr.

Ont., Toronto—Plans additional rein.-con. detritus tanks at main sewage disposal plant. $145,000. R. C. Harris, City Hall, engr.

BIDS DESIRED

Pa., Phila. — Feb. 24, Dept. Pub. Wks., Bureau Engineering, Schedule "A"-branch sewers in various streets, Schedule "B" main sewers in Sanger St. and Aramingo Ave.; Schedule "C" South Philadelphia Improvement and Schedule "D" sewage disposal.

Fla., West Palm Beach — Mar. 16, by City Comn., sanitary and storm water sewers in Central Boro, and portion of South Boro, Sewer Dist. 11. T. B. Henry, city engr.; adv. E. N.-R. Feb. 18.

Tenn., Dickson—Mar. 2, by City, H. T. Miller, mayor, 3 disposal plants and 73,200 ft. 6- to 12-in. sewers, 240 manholes, etc. in various streets. To exceed $25,000. Klyce & Hanub, 4th & 1st Natl. Bank Bldg., Nashville, engrs. Noted Sept. 24.

O., Cleveland—Feb. 24, by City, sewers in Bradgate Ave. S. W., Brookfield Ave. S. W., Delora Ave. S. W., Elsienna Ave. S. W., Grimsby Ave. S. W., Caine Ave. S. E., Effie Rd. S. E., Quincy Ave. S. E., Greenway Rd. N. W., East 39th, 118th, 124th and 146th Sts. $100,000. R. Hoffman, City Hall, engr.

O., South Euclid (Cleveland P. O.)—Feb. 24, by Town, main storm and sanitary sewers in Plainfield Dist. 6. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Ill., Chicago—Feb. 23, by City, Room 406, City Hall, c.i. manholes and catch basin covers, inlet boxes, grates and bends at District Yards of Bureau Sewers, as required for term ending Dec. 31. A. A. Sprague, comr.

Wis., Marshfield — Feb. 26, by J. A. Schindler, city clk., 17,106 ft. 6- to 12-in. vitr. clay sewers, etc., in various streets. To exceed $25,000. A. Westenborg, City Hall, engr.

Wis., Two Rivers—Feb. 23, by R. Biehl, city mgr., approximately 10,000 ft. 6- to 27-in. vitr. sewer pipe.

Mo., University (St. Louis P. O.)—Feb. 24, by City Clerk, approximately 9,000 ft. 33 and 36 in. sewer in Sect. B, River Des Peres Public Sanitary Sewer. $75,000. W. A. Heimbeucher, City Hall, engr. Noted Jan. 29.

Tex., Corpus Christi — Feb. 23, by City, sewage disposal plant, 171,765 lin.ft. 6- to 24-in. vitr. tile outfall sewer, into Corpus Christi Bay. $250,000. J. B. Hawley, 403 Cotton Exch. Bldg., Ft. Worth, engr. Noted Feb. 11.

Calif., Richmond—A. C. Faris, city clk., taking bids 23,570 ft. 6- to 10-in. vitr. sewer, etc. in Dist. 1; 30,159 ft. 6- to 10-in. in Sect. 2; and 3,425 lin.ft. 6 in. in Sect. 3. E. A. Hoffman, city engr. Noted Nov. 19.

Calif., Sunnyvale — City Trustees taking bids 26,425 ft. 6- to 8-in. concrete sewers in various streets. $25,000 available. C. C. Kennedy, Call Bldg., San Francisco, city engr. Noted Oct. 22.

Ont., Toronto — Feb. 23, by T. Foster, mayor, City Hall, brick and concrete trunk sewers in 1,200 lin.ft. Yonge St. south of Lawrence Ave., and 338 lin.ft. in Nursewood Rd. south of Queen St. $50,000. R. C. Harris, City Hall, engr.

BIDS RECEIVED

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Feb. 9, temporary sanitary sewers in Hylan Blvd., Mill Rd., 6th St., Guyon and Adelaide Aves., in New Dorp, Oakwood and vicinity from J. Johnson Sons, 445 Bway., West New Brighton, **(a)** $68,535; and from Hammen Constr. Co., 279 Madison Ave., Perth Amboy, N. J., **(b)** $68,136. Noted Feb. 4.

Calif., Los Angeles — Constructing Sect. 2 Arroyo de la Sacatella storm drainage system, from W. F. Peck, 1120 North Las Palmas St., $764,765. Noted Jan. 28.

CONTRACTS AWARDED

O., Akron—W. F. Peters, dir. Pub. Serv., Municipal Bldg., sewage disposal plant, etc., to Walsh Constr. Co., 605 Kahl Bldg., Davenport, Ia., $2,561,586. Engrs. est. $3,000,000. Noted Feb. 4.

Mo., Macon — City Clerk, rebuilding Imhoff tank and constructing new sprinkler filter, etc., incl. 950 cu.yd. excav., 245 cu.yd. rein.-con., 1,050 cu.yd. crushed rock, 400 ft. 4- to 15-in. vitr. clay and 3,600 ft. 6 in. slotted split pipe, two 175 g.p.m. pumps and motors, etc., to R. W. Langston, Springfield, $17,450. Noted Dec. 12.

Mo., Sikeston—Approximately 12 mi. 8- to 15-in. sewers in various streets and 2 disposal plants, to Rowan & Rickard, Russellville, Ark., $79,100. Noted Jan. 7.

Ont., Toronto — York Twp., sewer in Gloucester Grove, Luke St. and Strathearn Rd., to J. Armstrong, 27 Alanson Ave., Hamilton, $13,933; Kersdale Ave., to Holdcroft Constr. Co., 746 Weston Rd., $2,291; Summit and Donald Aves., to Murphy Contg. Co. 8 Wychwood Park, $2,785 and $3,300 respectively; Livingston Ave., to W. E. Taylor, 22 Falcon Rd., $8,581. Grand total $30,890. Noted Jan. 28.

Ont., Toronto—York Twp., about 8,000 lin.ft. 8 in. vitr. tile sewers in Westmount and Rosecliffe Aves., to Holdcroft Constr. Co., 746 Weston Ave., $3,766, and Snider Ave., to J. Simpson, 227 Wychwood Ave., $6,288; drains in various streets, to Ruscica Bros., 84 Woodycrest Ave., $2,400, and to Mitchell Contg. Co., 55 Greenside Ave. $1,384, to Dept. Pub. Wks., by day labor, Bude, Welles and Guy Sts., $10,234, and St. Clair and Mould Aves., $4,620. Grand total $28,692. Noted Oct. 15.

Waste Disposal

PROPOSED WORK

N. Y., Troy—City Planning Comn. making surveys sewage disposal plant.

N. J., Highlands — Mayor and City Council, J. L. Sweeney, boro atty., plans 25 ton incinerator. $125,000.

La., New Orleans—Comn. Council making plans 165 ton and 55 ton capacity incinerators with equipment. $1,500,000. Noted Oct. 22.

Tex., Denison—Making preliminary plans incinerator plant. $60,000. H. Hayden, city engr.

Bridges

PROPOSED WORK

Ga., McRae—See "Streets and Roads."

Tennessee—State Dept. Highways & Pub. Wks., Nashville, take bids about Feb. 19, 5 rein.-con. bridges, each over 20 ft. span, Ellendale-Arlington Rd. on Memphis-Bristol Route, Shelby Co. To exceed $25,000. C. N. Bass, acting comr.

Tenn., Madisonville — Monroe Co. takes bids in spring rein.-con. bridge over Tennessee River, at McGhees Landing. $100,000.

Ind., Scottsburg—State Hy. Comn., State House, Indianapolis, plans two 150 ft. truss and two 84 ft. plate girder span bridge with 2 abutments and 3 piers over White River on State Road 1, here. $130,000. W. J. Titus, State House, Indianapolis, engr.

Ia., Grundy Center—Grundy Co. made plans 45 concrete bridges and culverts. $30,000. E. R. Crary, Court House, engr.

Minn., Shakopee — Scott Co. made plans 780 ft. steel and concrete bridge, 27 ft. roadway, etc. over Minnesota River, at Holmer St. $100,000. State Hy. Dept., 1246 University Ave., St. Paul, engrs.

Mo., Joplin—City and State Hy. Dept., Jefferson City, making preliminary plans rein.-con. viaduct to carry state highway over railroad tracks. $225,000. City, State and railroads appropriate toward cost.

Ark., Batesville — Independence Co. and State Hy. Dept., Little Rock, take bids about April 1, rein.-con. and steel bridge over White River, here. $303,549. R. C. Limerick, highway engr. Noted July 16.

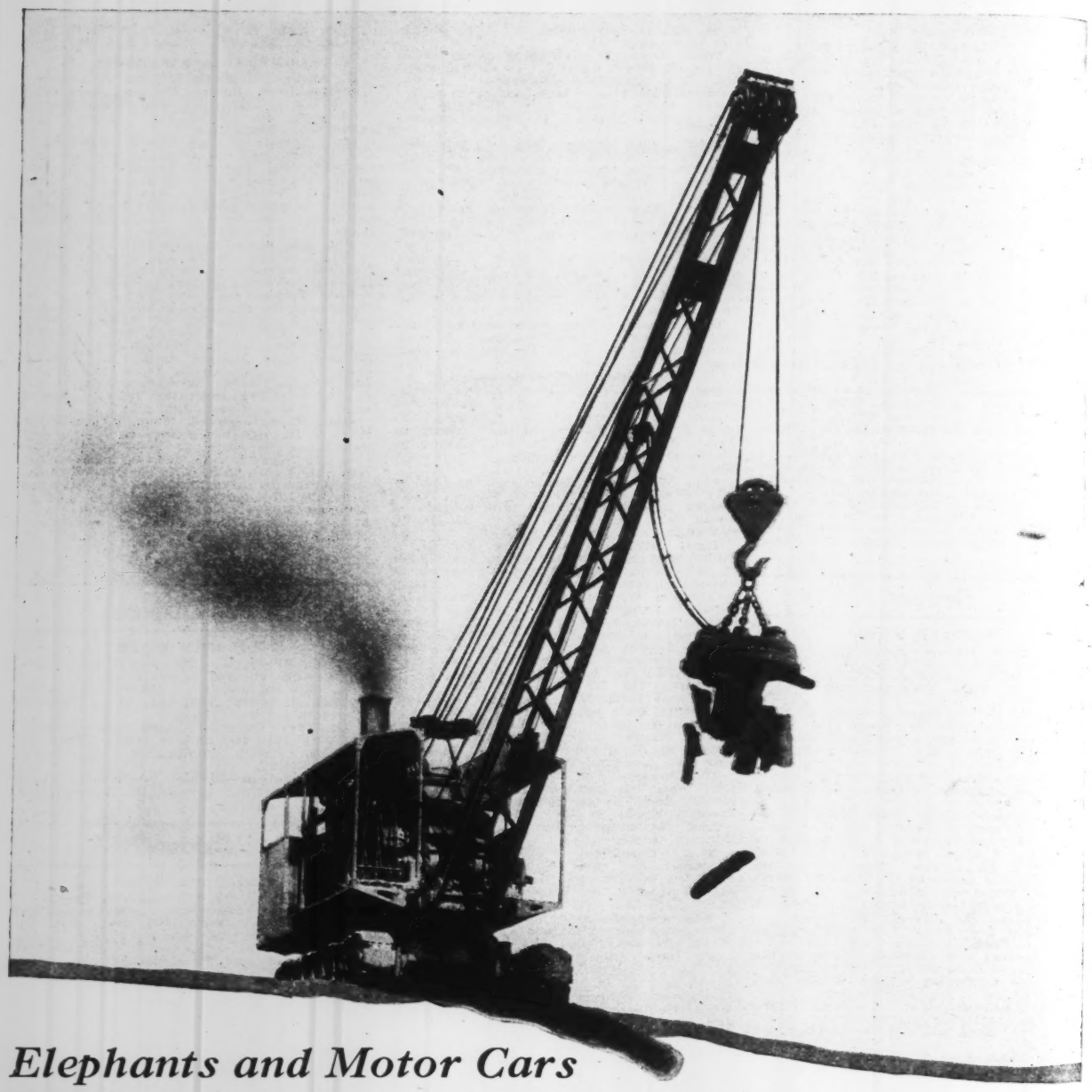
Tex., Angleton—See "Streets and Roads."

Tex., Brownsville — See "Streets and Roads."

Tex., Hidalgo—Southern Pacific Ry. Co., G. W. Boschke, ch. engr., 65 Market St., San Francisco, Calif., making preliminary plans 240 ft., steel and rein.-con. span bridge across Rio Grande River to Reynosa, here. $110,000. Private plans.

Tex., Huntsville — See "Streets and Roads."

See proposal advertisements on page 120, Advertising Section.



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Bridges (Continued)

Tex., Karnes City — See "Streets and Roads."

Tex., Quanah—See "Streets and Roads."

Okla., Pawnee — State Hy. Dept., Oklahoma City making preliminary plans 102 ft. steel truss bridge on concrete piers, Pawnee Co., here. $35,000. J. M. Page, highway engr.

Okla., Ponca City—City and Atchison, Topeka & Santa Fe R.R. Co., 80 East Jackson Blvd., Chicago, Ill., C. F. W. Felt, ch. engr., made preliminary plans viaduct over railroad tracks, at Grand Ave. $160,000. C. E. Morton, city clk.

Ont., London — Middlesex Co. making plans 2 concrete and steel highway bridges, on Hamilton Rd. $28,000. C. Talbot, County Bldg., London, engr.

Ont., Toronto—City Council plans replacing Winchester St. bridge with new 150 ft. concrete and steel bridge, 66 ft., on new site. $25,514. R. C. Harris, City Hall, engr.

Ont., Toronto—Plans 600 ft. steel and concrete bridge, 42 ft., over Rosedale Ravine, at North Glen Rd. $425,000. R. C. Harris, City Hall, engr.

BIDS DESIRED

Pa., Mercer—Mar. 8, by Comrs. Mercer Co., Bridge 610, French Creek Twp.; Bridges 2321 and 2327, Hickory Twp.; and Bridge 2634 Findley and E. Lackawannock Twps. F. P. Graham, Grove City, co. engr.; adv. E. N.-R. Feb. 18.

Pa., Phila.—Mar. 3, by Delaware River Bridge Joint Comn., Widener Bldg., G. Pinchot, chn., miscellaneous metalwork, Contr. 24, electrical equipment, Contr. 25, and wrapping cables, Contr. 26, all for bridge over Delaware River connecting cities of Phila. and Camden. J. K. Costello, secy.; adv. E. N.-R., Feb. 18.

Delaware—See "Streets and Roads."

Miss., Quitman—See "Streets and Roads."

Louisiana—Mar. 9, by State Hy. Comn., Baton Rouge, reconstructing and repairing bridge over Calcasieu River, on Lake Charles-West Lake Highway, State Project 461, Calcasieu Parish. W. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

Ia., Denison — Feb. 23, by W. J. Wealmouth, engr., Denison, one 140 ft. truss and two 40 ft. I-beam span bridge, for Crawford Co.

Tex., Anderson—See "Streets and Roads."

Tex., Boston—See "Streets and Roads."

Tex., Carthage—See "Streets and Roads."

Tex., Linden—See "Streets and Roads."

Tex., Waxahachie — See "Streets and Roads."

California—Mar. 1, by State Hy. Dept., Sacramento, three 55 ft. span rein.-con. girder bridge on rein.-con. piers and abutments over Bear Creek at Briceburg, and 2 rein.-con. bridges, one over Slate Gulch, 3 mi. north of Briceburg, and one over Sweetwater Creek, about 4 mi. north of Briceburg, in Mariposa Co.; also 125 ft. open spandrel arch and nine 33 ft. girder approach spans rein.-con. bridge over Doney Creek, 1 mi. south of Antler, Shasta Co. R. M. Morton, Forum Bldg., Sacramento. highway engr.

BIDS RECEIVED

New Jersey—See "Streets and Roads."

North Carolina — State Hy. Dept., Raleigh, rein.-con. bridges, etc., on Project 303, Bladen Co., from J. S. Bowers, Whiteville, $27,718; Project 838, Henderson Co., from C. R. Willard & Son, Spartanburg, S. C., $25,435; on Project 664, Richmond Co., from Hobbs-Peabody Co., Charlotte, $25,752; on Project 635, Gaston Co., from P. S. Minus, Spartanburg, S. C., $102,641; on Project 479, Wake Co., from R. A. Loving Co., Goldsboro, $47,814; on Project 465, Person Co., and on Project 240, Johnston Co., from E. A. Wood & Co., Andrews, $26,052 and $115,002 respectively. Noted Feb. 4.

Missouri—State Hy. Dept., Jefferson City, Feb. 5, three 20 ft. rein.-con. slab spans, etc. over McDougal Branch, Newton Co. $4,140, from Kelly & Underwood, Granby, one 10 ft. rein.-con. slab span, etc. over stream $828 and one 60 ft. steel truss span, etc. over Robinson Creek, $7,443, both Vernon Co.; from J. P. Sparks, Kirkwood, two 8 ft. rein.-con. slab spans, etc. over stream, Wayne Co., $4,941; from D. C. Horton, Ft. Smith, Ark., two 10 ft. rein.-con. slab spans, etc. over stream, St. Clair Co., $1,436; from Stevens Bros., St. Paul, Minn., one 20 ft. rein.-con. slab span, etc. over West Dog Creek, Daviess Co., $7,530; from O. H. Schmidt, 3108 Jule St., St. Joseph, three 20 ft. rein.-con. slab spans, etc. over Turkey Creek, Linn Co. $4,647; from J. J. Bailey, St. Louis, three 20 ft., rein.-con. slab spans, etc. over Castor River, Bollinger Co., $4,016; from Independent Constr. Co., Pittsburg, Kan., two 10 ft. and two 12 ft. rein.-con. slab spans, etc. over stream, Vernon Co., $3,691; from H. Spitcaufsky, 3229 Victor St., Kansas City, four 20 ft., rein.-con. spab spans, etc. over Turkey Creek overflow $6,428, three 30 ft. rein.-con. deck girder spans, etc. over Elk Creek $6,525 and one 40 ft. rein.-con. deck girder span, etc. over Little Turkey Creek $5,613, all in Linn Co.; from Newton Constr. Co., Columbia, two 30 ft. rein.-con. deck girder spans, etc. over Panther Creek, St. Clair Co. $5,302, and one 40 ft. rein.-con. deck girder span, etc. over Mams Creek, Audrain Co., $4,806; from De Janett & Schrader, Sedalia, one 30 ft. rein.-con. deck girder span, etc. over Pipes Creek, Howard Co., $4,764; from K. McFarland, Kansas City, three 45 ft. rein.-con. deck girder spans, etc. over Sulphur Creek, Howard Co., $13,096; from M. E. Gillioz, Monett, two 8 ft. and one 20 ft. rein.-con. slab spans, etc. over stream $6,446, one 45 ft. rein.-con. deck girder spans, etc. over Turkey Creek $6,453, one 20 ft. rein.-con. slab span, etc. over Turkey Creek overflow $4,080, two 25 ft. rein.-con. deck girder spans, etc. over Fraziers Creek $5,516, one 30 ft. rein.-con. deck girder span, etc. over Wards Creek $3,605, one 40 ft. rein.-con. deck girder span, etc. over Bounds Creek $4,748, one 45 ft. and two 30 ft. rein.-con. deck girder spans, etc. over Bear Creek $7,824, all foregoing in Wayne Co.; from R. P. Harper Constr. Co., Chillicothe, twelve 10 ft. rein.-con. slab spans, etc. over stream $2,326, fifteen 20 ft. rein.-con. slab spans, etc. over Big Parsons overflow $17,772, three 20 ft. rein.-con. slab spans, etc. over Hickory Creek $4,792, three 30 ft. rein.-con. deck girder spans, etc. over Little Parsons Creek $6,184, three 30 ft. rein.-con. deck girder spans, etc. over Big Parsons Creek $6,226, four 20 ft. rein.-con. slab, two 80 ft. steel truss and twenty 20 ft. I-beam spans, etc. over Locust Creek overflow, $52,318, one 80 ft. steel and eighteen 20 ft. I-beam spans, etc. over Muddy Creek overflow $28,185, all foregoing in Linn Co.; from Vincennes Bridge Co., Vincennes, Ind., four 140 ft. steel truss spans, etc. over Castor River, Bollinger Co., $37,914; from Cook & Waddell, Ottawa, Kan., two 80 ft. steel truss spans, etc. over Clear Creek, Vernon Co., $20,936; from Finley Constr. Co., Nebraska City, Neb., one 86 ft. steel truss span, etc. over Contrary Creek, Buchanan Co. $9,904; and one 72 ft. timber pile trestle over Route 11, De Kalb Co., $1,035. Noted Jan. 28.

Okla., Davidson—State Hy. Dept., Oklahoma City, 280 span 5,423 ft. pile trestle bridge, Tillman Co., here, 358,720 ft. untreated and 56,200 ft. creosoted timber, 26,820 ft. wooden piling, etc., from Staley Bros., Wichita Falls, Tex., $95,110. Engrs. est. $125,000. Noted Jan. 1.

CONTRACTS AWARDED

N. Y., New York—Park Bd., F. D. Gallatin, pres., Arsenal Bldg., 64th St. and 5th Ave., concrete arch bridge and approaches, Boston Rd. and Bronx River, Bronx Boro, to Fox Reynolds Co., 81 East 125th St., $103,679. Noted Feb. 11.

Pennsylvania—Beaver Co. (Beaver), 4 river piers for bridge across Ohio River, between Ambridge and Woodlawn, to Dravo Contg. Co., Neville Island, Pittsburgh, $145,400. Engrs. est. $150,000. Noted Jan. 21.

South Carolina—State Hy. Dept. Columbia, treated timber bridge over South Edisto River, Federal Aid Project 212, Barnwell-Orangeburg Counties, to J. A. Peterson, Montgomery, Ala., $28,865; also con. substructure bridge over Catawba River, Federal Aid Project 269, Chester and Lancaster Counties, to J. S. Bowers, Whiteville, N. C., $101,796. Noted Nov. 5.

Georgia and South Carolina—State Hy. Dept., East Point, 4 bridges on Waynesboro-Swainsboro Rd., Federal Aid Project 387-B, Burke Co., to Howell Constr. Co., Marion Bldg., Augusta, $35,910; 3 bridges on Brunswick-Jacksonville Rd., State Aid Project 432-S, Camden Co., to G. S. Wright, Athens, $14,733; 11 span 1,433 ft. bridge over Savannah River between Elberton, Ga., and Calhoun Falls, S. C., Alberton Co., Ga., and Abbeville Co., S. C., to E. M. Williams, Monroe, Ga., $213,992, concrete culverts on Carnesville-Commerce Rd., Federal Aid Project 352-B, Banks Co., to M. R. Woodall, Inc., Walton Bldg., Atlanta, $8,096. Noted Jan. 21.

Mich., Detroit—Wayne Co. Road Comn., 1103 Real Estate Exch., fabricating and erecting steel framing for house, also stone and concrete for enclosure walls, double leaf bascule type bridge over River Rouge, at Dix Ave., to G. P. Cullen, Inc., 2940 West Lake St., Chicago, Ill., $66,206. Noted Feb. 4.

Kan., Hiawatha — See "Streets and Roads."

Tex., Houston—J. C. McVea, city engr., and Howe & Wise, consult. engrs., 816 1st Natl. Bank Bldg., rein.-con. bridge across Bray's Bayou, at Lawndale Ave., to B. H. Faber, Eagle Lake, for City and Harris Co. $48,392. Engrs. est. $60,000. Noted Dec. 17.

Oklahoma—State Hy. Dept., Oklahoma City, **(e. e. means engineers estimate)**, 34 span 560 ft. creosoted pile trestle bridge at Shattuck, Ellis Co. and 32 span 610 ft. pile trestle bridge at Edith, Harper Co., to L. Saunders, 619 West Main St., Oklahoma City, $27,490 and $29,238 respectively, e. e. $30,000 and $31,000 respectively; 3 span 144 ft. steel truss bridge on concrete piers at Comanche, and 3 span 250 ft. steel truss bridge on concrete piers at Duncan, both Stephens Co., to National Constr. Co., Lawton, $30,297 and $31,367 respectively, e. e. $34,700 and $35,000 respectively; 6 span 960 ft. steel truss bridge on concrete piers at Dover, Kingfiesher Co., to E. G. Fike & Co., Nebraska Bldg., Tulsa, $87,701, e. e. $100,000; 3 span 260 ft. steel truss bridge on concrete piers at Duncan, Stephens Co., to O. H. Pharoah, Okemah, $40,887, e. e. $47,000; 40 span 720 ft. pile trestle bridge at Waynoka, Major Co., to Woodward Constr. Co., Woodward, $31,843, e. e. $33,000. Grand total $278,823. Noted Jan. 21.

Idaho—Commissioner Pub. Wks., Pioneer Bldg., Lewiston, two 90 ft. steel span bridges, on North and South Highway, Federal Aid Project 9-E, Adams and Idaho Counties, to E. A. Webster, Hutton Bldg., Spokane, Wash., $30,391.

Calif., Santa Barbara — E. E. Haskell, city mgr., Feb. 4, 2 rein.-con. bridges, one over Mission Creek at Anapamu St., and other over Alisos Creek, at Quinientos St., to F. E. Marsh, 237 Bimini Pl., Los Angeles, $15,827 and $11,774 respectively.

Dams

PROPOSED WORK

Pa., Phila.—See "Waterworks."

N. C., Monroe—See "Waterworks."

CONTRACTS AWARDED

Conn., New Haven—See "Waterworks."

Railways

PROPOSED WORK

Nebraska—See "Buildings—Commercial."

California — State Bd. Harbor Comrs., Ferry Bldg., San Francisco, plans paving and railroad work from Pier 48 to Pier 54, in connection with State Belt R.R. on "The Embarcadero," in San Francisco. F. G. White, Ferry Bldg., San Francisco, ch. engr.

BIDS RECEIVED

California—City and San Francisco Co., San Francisco, constructing Sunset Line of railway system in Judah St. between 31st and 41st Aves., in San Francisco, from L. P. Brassy, Sharon Bldg., San Francisco, $30,766. Noted Feb. 4.

CONTRACTS AWARDED

California — City of San Francisco and San Francisco Co. (San Francisco) constructing Sunset Line of Railway system in Judah St. between 31st and 41st Aves., in San Francisco, to L. P. Brassy, Sharon Bldg., San Francisco, $30,766. Noted Feb. 4.

Excavation, Drainage, Irrigation, Levees River and Harbor

PROPOSED WORK

N. J., Asbury Park—City Comn. plans dredging Wesley Lake and constructing bulkheads. $40,000. C. Hetrick, mayor. Engineer not selected.

N. J., North Long Branch (Ind. br. Long Branch)—City Comn., Long Branch, plans breakwater jetties, here. $70,000. Engineer not selected.

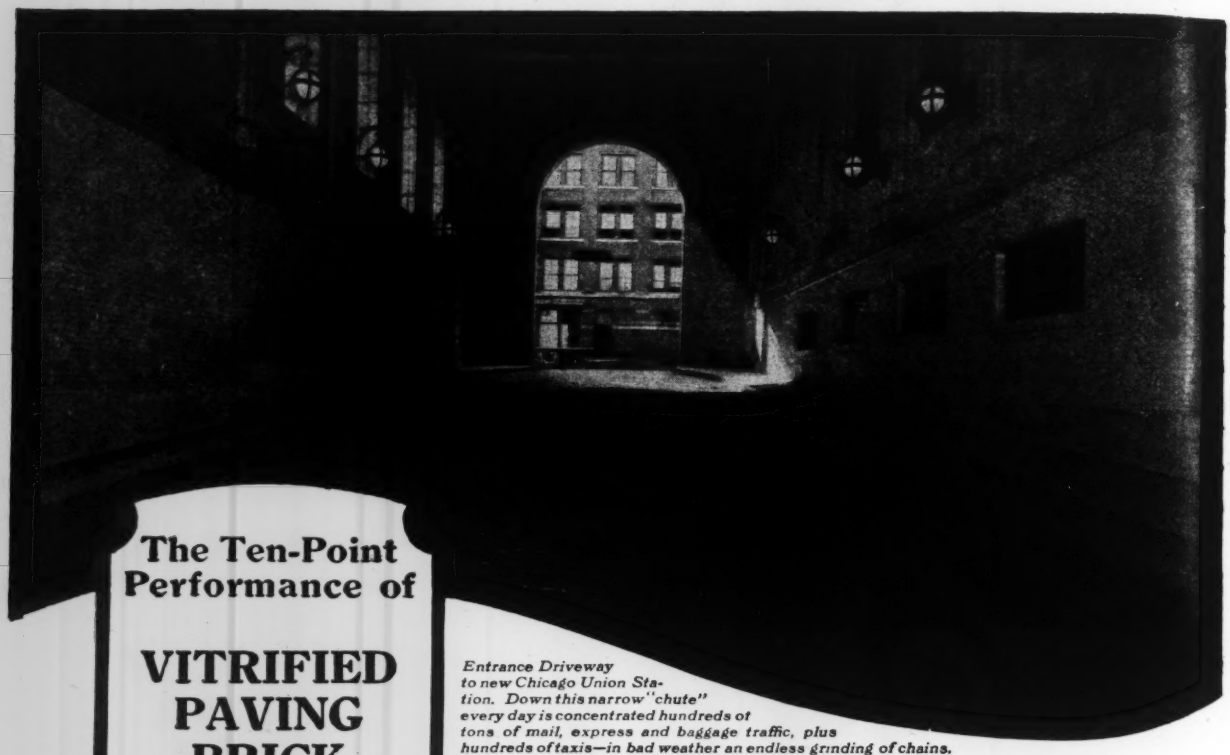
Fla., Leesburg — Plans filling in and dredging Lake Harris, **(a)** 449,210 cu.yd. dredging $0.16 per cu.yd. **(b)** 22,000 cu.yd. fill dikes $0.40, **(c)** 1,400 cu.yd. fill dikes $0.25. H. S. Jandon Eng. Co., Leesburg, engr.

Miss., Gulfport—See "Unclassified."

Ill., Mt. Prospect — Weller Creek D. D., Cook Co., takes bids about June 1, additions and extensions to drainage system. $350,000. E. A. Rossiter Co., 160 North La Salle St., Chicago, engrs.

Tex., Beaumont — D. D. 6, c/o Comrs. Jefferson Co., plans completing drainage system constructing 50 mi. in 33 small ditches leading in to main ditch. $78,745 available. Private plans.

See proposal advertisements on page 120, Advertising Section.



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Excavation, Drainage, Irrigation, Levees, River and Harbor (Cont.)

Tex., Brownsville—Cameron Co. Water Dist. 7, election soon $200,000 bonds, concrete lined canals and drainage. H. H. Banker, dist. mgr.

Tex., Eagle Pass—Maverick Co. Irrigation Dist., making preliminary surveys, etc. large lifting plant or pump on Rio Grande River, about 18 mi. above here, irrigating 30,000 acres. $2,000,000. Address Chamber of Commerce, Eagle Pass.

Neb., Omaha—Big Pappio Dist., Douglas Co. takes bids after Apr. 1, drainage ditch. $50,000. Towl, Nelson & Schwartz, Peters Trust Bldg., engrs.

Calif., Los Angeles—City Harbor Comn., appropriated $67,500, dredging end of slip in West Basin, and filling area north of Water St. between Canal St. and Fries Ave. F. G. W.

Calif., Modesto—Modesto Irrigation Dist. plans purchasing drainage pumps. $7,600 available. C. Abbott, Modesto, secy.

Calif., Oroville — Thermalito Irrigation Dist., plans election $50,000 bonds, to purchase 50,000 ft. 12- to 14-in. diam. slip joint riveted steel pipe. S. Norris, dist. engr.

Calif., San Francisco—State Bd. Harbor Comrs., Ferry Bldg., making plans Islais Reclamation Project, dredging channel 300 ft. wide to 30 ft. below mean low water, 25 acres filling, and construction 1,400 ft. timber bulkhead and wharf. $375,000. F. G. White, Ferry Bldg., ch. engr.

BIDS DESIRED

New York—Mar. 3, by Salt Water Bays Comn., R. G. Finch, chn., Journal Bldg., Plaza, Albany, timber bulkheads along north bank of Quoque Canal and at Quoque Bridge, also placing riprap stone at tide gates in Shinnecock Canal, Suffolk Co.; adv. E. N.-R. Feb. 18.

Miss., Greenwood — Feb. 25, by Comrs. Fighting Bayou D. D., Leflore Co., at office Abbott Eng. Co., engrs., Greenwood, 36 mi. drainage channel, 1,250,000 cu.yd. excav. and 260 acres clearing and grubbing.

CONTRACTS AWARDED

Ill., Mt. Prospect — Weller Creek D. D., farm drainage system, 42,600 ft. 6- to 22-in. D. S. Shale tile drain, etc., to Kruse Constr. Co., 1987 West 111th St., Chicago, $105,000. Noted July 30.

Ia., Oskaloosa—South Skunk River D. D. 6. Mahaska Co., c/o R. W. Varley, aud., 350,323 cu.yd. excav., to Barnard-Curtis Co., 506 Globe Bldg., Minneapolis, Minn., at $0.085 per cu.yd. Noted Feb. 4.

Streets and Roads

PROPOSED WORK

N. J., Manasquan—L. C. Riddle, mayor and City Council plans concrete paving 1 mi. road from town to beach. Engineer not selected.

N. J., Newton—Sussex Co. plans improving 1 mi. Mill St. and Swartswood Rd. $51,000. H. Snook, Newton, engr.

Pa., Pittsburgh — Plans repaving Center Ave. from Herron Ave. to Craig St. $69,000. Dept. Pub. Wks., City County Bldg., city engr.

W. Va., Lewisburg — Election Feb. 23, $30,000 bonds, improving Market and other streets. W. L. Tabscott, recdr.

W. Va., Parkersburg—Union Dist. plans election $60,000 bonds, roads in Wood Co. W. Shaver, Parkersburg, engr.

Ga., McRae—Telfair Co. election Mar. 10, $350,000 bonds, for roads and bridges.

Ga., Montezuma—Election Feb. 24, $32,000 bonds, improving various streets.

Fla., Ft. Myers—Lee Co. voted $360,000 bonds, paving and widening 15 mi. MacGregor Blvd. from city limits to Punta Rassa; $119,000 bonds, building cut to connect Tamiami Trail and MacGregor Blvd.; $73,000 bonds paving Iona Loop; and $48,000 bonds, building 2 mi. road to Estero Island from bridge to beach. Noted Dec. 31.

Fla., Leesburg—Plans grading, curbing, sidewalks and vitr. brick or equal paving various streets. $797,000. H. S. Jandon Eng. Co., Leesburg, engrs.

Mississippi — Lamar Co. (Purvis) and Forest Co. (Hattiesburg) soon take bids grading and gravel surfacing 8.2 mi. Federal Aid Project 69, 18 ft. $300,000. H. C. Dietzer, Jackson, engr.

Miss., Magnolia—Bd. Supervs. Magnolia Co. postponed opening bids Feb. 11, grading and brick paving 5,358 sq.yd. Federal Aid Project 95. H. C. Dietzer, Jackson, engr. Noted Jan. 28.

Miss., New Augusta—Perry Co. making preliminary plans grading and gravel surfacing 18 mi. New Athens-Jones Co. line Rd. Howarth & Watson, Hattiesburg, engrs.

La., Monroe — City Council soon takes bids asphalt on concrete paving 11 blocks various streets.

La., Plaquemine—Mayor and Bd. Aldermen plan paving, sub-surface drainage and sidewalks on various streets. $125,000. Swanson-McGraw, Inc., Balter Bldg., New Orleans, consult. engrs. Noted Feb. 11.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, made surveys improving 15 mi. Selmer-Chester Co. line Rd., McNairy Co. C. N. Bass, acting comr.

Tennessee — State Dept. Highways & Pub. Wks., Nashville, making surveys improving 12 mi. Tiptonville-Kentucky State line Rd., Lake Co., and 12 mi. Ashport-Ripley Rd., Lauderdale Co. C. N. Bass, acting comr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, takes bids about Mar. 5, probably bituminous macadam on crushed stone surfacing 10 mi. Springfield-Adair Rd., Robertson Co. C. N. Bass, acting comr.

Tenn., Clarksville—Plans paving North 2nd St. $25,000.

Tenn., Morristown—Hamblen Co. voted $43,000 bonds, improving Andrew Johnson Highway to Hawkins Co. line.

O., Cincinnati—Hamilton Co. plans grading and tar bound macadam paving 12,037 ft. Shawnee River Rd. from I. C. H. 46 to Drake Rd., $68,384; 9,506 ft. State Rd. from Clough to Nagel Rds., $39,835; 11,350 ft. Deerfield Rd. from Cornell to Cincinnati-Zanesville Rds., $48,810; 8,100 ft. Old Indian Hill Rd., $33,630; 4,612 ft. Livingston Rd. from Blue Rock to Poole Rds., $25,000; 7,144 ft. Linneman Rd. from Muddy Creek to Neeb Rds., $30,705; 12,713 ft. Muddy Creek Rd. from Bridgetown to Ebenezer Rds., $58,998; 5,850 ft. Creek Rd. from Plainfield to Madisonville Rds., $25,000; and 17,550 ft. Plainfield Rd. from Creek to Sycamore Rds., $72,894, all 16 ft. wide. E. A. Gast, Court House, engr.

O., Canton — Stark Co. takes bids in spring improving 1.5 mi. Osnaburg-Paris Rd., $60,000, and 4.1 mi. Gov. Cox Highway, $229,000, State Aid $40,000; brick paving 1.7 mi. Harrison Ave. extension, $60,500; extending 1.5 mi. Sherman Church extension, $85,000; graveling 2.82 mi. Brewster-Canal Fulton Rd., $51,471, all 16 ft. A. M. Wise, Court House, engr.

O., Carrollton—Carroll Co. takes bids in spring concrete or macadam paving 3.144 mi. Carrollton-New Philadelphia Rd., 16 ft. $155,000.

O., Columbus — Made plans grading, sewers and asphalt paving, etc., 1,927 ft. Indianola Ave., 34 ft. $38,000. R. H. Sampson, City Hall, engr.

O., Dayton — Plans curbing, sewers and vitr. brick or granite durax paving 14,200 sq.yd. Washington St. from Beach to Germantown Sts., $75,000; also resurfacing and repairing various streets and alleys, $50,000. J. F. Hale, city engr.

Ind., Munice—Delware Co. plans concrete paving 1½ mi. Nichols Ave. from University Ave., to Yorkstown Rd., 38 ft. $35,000.

Michigan — Muskegon Co. (Muskegon) takes bids about Mar. 15 concrete, asphalt or macadam paving 10.8 mi. Lake Shore Rd. from North Muskegon to Whitehall. $437,000. L. H. Nielsen, Courthouse, engr.

Mich., Detroit—Making plans 3½ in. sheet asphalt on 8 in. concrete paving, etc., 6,200 sq.yd. Center Line Ave., $28,160; 5,500 sq. yd. Wells Ave., $25,740; 1,500 sq.yd. Georgia Ave., $8,140; 4,200 sq.yd. Holmur Ave., $19,620; 4,100 sq.yd. Dexter Blvd., $18,130; 1,400 sq.yd. Hawthorne Ave., $7,150; and 5,500 sq.yd. Griggs Ave., $25,240. P. A. Fellows, City Hall, engr.

Ill. Decatur—Plans grading, curbing and brick on concrete paving 5 blocks East North St., 30 ft. $37,022. M. P. O'Brien, City Hall, engr.

Ill., East St. Louis—Soon takes bids grading, curbing and rein.-con. paving North 16th St. from Bway. to Baugh St. $98,100. W. McK. Brown, City Hall, engr.

Ill., Geneva — Making preliminary plans grading, curbing and hardsurfacing various streets north of State St. $150,000. Wells Eng. Co., Geneva, engr.

Ill., Granite City—Soon takes bids grading, curbing and concrete paving 25th St. from B to Washington Sts. $35,000. W. W. Kerch, 1st Natl. Bank Bldg., engr.

Ill., Oak Park—Bd. Local Impvts. takes bids probably June, asphalt paving 9½ mi. various streets in Northwest Section, 30 ft. W. Thomas, City Hall, engr.

Ill., Rockford — Plans grading, curbing and paving 10 blocks South Main St., Warrenite $70,150, brick $78,940. B. C. Harvey, City Hall, engr.

Ill., Tuscola—Douglas Co. plans grading and concrete paving 7.5 mi. I and I Short Line, Old Ocean to Ocean Highway, 18 ft. $200,000. L. O. Hackett, Tuscola, supt. highways.

Wis., Racine — Making plans rein.-con. paving Gold, Marquette, Augusta, Graham, Franklin, Howe and 13th Sts. To exceed $25,000. J. W. Beaugrand, City Hall, engr.

Wis., Stevens Point—Making plans rein.-con. paving Fremont St. $21,652, Dixon St. $13,084, and McCulloch St. $8,778. J. F. Maxfield, City Hall, engr.

Ia., Grundy Center—Grundy Co. plans gravel surfacing, etc., 22 mi. various roads. E. R. Crary, Court House, engr.

Ia., Muscatine — Muscatine Co. making preliminary plans grading and gravel surfacing Primary Rd. 2 from Sweetland Center to Scott Co. line, and improving 4 mi. Muscatine-West Liberty Rd. from Cedarville School to Oak Tree Corner. $49,000. F. P. G. Halfbass, Court House, engr.

Ia., Sigourney—Takes bids in spring or early summer, grading, curbing and rein.-con. paving 60 blocks various streets. $140,000. Brown & Cook, Ottumwa, engrs.

N. D., Jamestown—Plans paving about 38 blocks various streets. $120,000.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids grading and concrete paving 24,445 sq.yd. alleys in City Blocks 4407, 4391, 4147, 3783, 3604, 5135, 5282, 5323, 5333, 5340, 5368, 5506, 5526, 5528, 5559, 5563 and 2586, $69,100; also grading, curbing and asphalt on concrete paving 9,240 sq.yd. Pennsylvania St., $72,600. W. W. Horner, 300 City Hall, engr.

Mo., Webb City — Making preliminary plans grading, curbing, asphalt and concrete paving various streets. $120,000. City plans election $60,000 bonds and property owners appropriate $60,000 toward cost.

Arkansas — Pulaski Co. (Little Rock) making preliminary plans grading and gravel surfacing 16 mi. 12th St. Pike from Little Rock city limits to Ferndale, 18 ft. $80,000.

Ark., Dardanelle — Making preliminary plans grading, curbing and concrete, asphalt or other hard surfacing 35,000 to 40,000 sq.yd. streets in Paving Dist. 1. J. G. Lawrence & Co., Gazette Bldg., Little Rock, engrs.

Texas—Oceanside Toll Rd. Co., Brownsville, purchased Padre Island, near Corpus Christi, and making plans 151 mi. road from Corpus Christi to Brownsville. $350,000. Private plans.

Tex., Angleton — Brazoria Co. making plans grading, bridging and concrete paving 9 mi. Highway 58, 18 ft. $200,000. C. A. Gavin, Angleton, engr.

Tex., Brownsville — Cameron Co. soon takes bids grading and bridging 24.35 mi. Highway 100, State Aid Project 647. $70,000. W. O. Washington, Brownsville, engr. Noted Dec. 25, 1924.

Tex., Eagle Lake—Plans 6 in. rein.-con. paving about 9 blocks Square and Main St. $29,000. B. H. Faber, city engr.

Tex., Ferris — Voted $130,000 bonds, paving business and residential streets. Address M. McCall, mayor.

Tex., Galveston—Election Apr. 10, $150,000 bonds, constructing Port Arthur-Galveston Highway from Port Bolivar to High Island. C. C. Washington, Galveston, co. engr.

Tex., Hereford — Voted $67,000 bonds, paving 45 blocks various streets. Address E. S. Ireland, Hereford, mayor.

Tex., Houston—Harris Co. election Mar. 9, $6,000,000 bonds, highway construction. State Hy. Comn., Austin granted $1,015,000, State and Federal Aid to supplement bond issue. Howe & Wise, 816 1st Natl. Bank Bldg., engrs.

Tex., Huntsville—Walker Co. soon takes bids grading, and bridging 17.27 mi. State Highway 45, State Aid Project 664, 26 ft. $100,360. D. K. Caldwell, Huntsville, engr. Noted Jan. 14.

Tex., Jasper — Jasper Co. making plans gravel surfacing 10 mi. State Highway 62 from Buna to intersection with Highway 3, 18 ft. $100,000. C. P. Hunter, Jasper, co. engr.

Tex., Karnes City — Karnes Co. making plans bridging and surfacing about 6 mi. Karnes City Dist., $65,000; hard paving 13 mi. Kenedy Dist. $300,000, and 11 mi. Runge Dist., $225,000. O. N. Powell, Karnes City, co. engr. Noted Dec. 17 and 31.

Tex., Laredo — Webb Co. making plans rock asphalt on caliche surfacing 13.25 mi. highway 12-A east of Laredo, 18 ft. $150,600. T. E. Huffman, c/o City Hall, engr.

Tex., Quanah — Hardeman Co. plans grading, bridging and rein.-con. paving 8.46 mi. Highway 5 extending west from Wilbarger Co. line, 18 ft., $332,000; also 7.01 mi. Highway 5 extending west from Quanah, $284,000. J. B. Nabors, Quanah, engr.

See proposal advertisements on page 120, Advertising Section.

Streets and Roads (Continued)

Oklahoma — State Hy. Dept., Oklahoma City, rejected bids Feb. 2, concrete paving 64,280 sq.yd. Federal Aid Project 130-D, $140,000; and 68,759 sq.yd. Federal Aid Project 130-E, $147,800, both Logan Co. Noted Jan. 21.

Oklahoma — State Hy. Dept., Oklahoma City, making surveys grading, etc., 12 mi. Cordell-Hobart Rd., Washita Co. $36,000. J. M. Page, highway engr.

Okla., Billings — Making preliminary plans grading, curbing and concrete paving 9,600 sq.yd. Main St. $30,000. P. Ford, mayor. Engineer not announced.

Okla., Elk City—Plans paving 15 blocks various streets. Benham Eng. Co., 521 Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Hennessey — Making preliminary plans grading and concrete paving 10,700 sq.yd. Oklahoma Ave. $31,200. F. Ehler, mayor. Engineer not announced.

California—See "Streets and Roads."

Calif., Los Angeles—Plans curbing, guttering, sidewalks, and paving 70th, Malden and Macy Sts. To exceed $25,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Made plans improving Cristobal Ave. between Grant and Anaheim Sts., 54,437 sq.ft. 8 in. concrete paving with ½ in. expansion joints, 2,181 ft. curbing, 285 ft. armored curbing, 11,242 sq. ft. one course cement walks, 4,135 sq.ft. remodel rock and oil surfacing, etc.

Calif., Merced—Supervs. Merced Co., rejected bids Feb. 8, asphaltic oil macadam paving 16 mi. Hilmar-Stevinson Rd. Dist. Impvt. 9. Noted Jan. 28.

Calif., Oakland — Alameda Co. making plans improving 2 mi. Crow Canyon Rd., 1,700 cu.yd. culvert excav., 1,500 lin.ft. guard rail, 65,000 lbs. reinforcing, etc. To exceed $35,000. G. A. Posey, Oakland, co. surv.

Calif., Pasadena—Voted $360,000 bonds, widening and paving West Colorado St., Annandale Rd., etc., Municipal Impvt. Dist. 8.

Calif., San Diego—Common Council plans improving Collier, Arizona, Hamilton Sts., 227,367 sq.ft. 1½ in. asphaltic concrete on 4 in. concrete paving, 300 lin.ft. concrete curbing, etc. F. A. Rhodes, city engr.

Calif., San Diego — Bd. Supervs. San Diego Co., plans improving various roads and streets in Vista Dist., 272,690 sq.ft. 2½ in. bituminous macadam paving, 14,210 cu.yd. excav., 10,845 lin.ft. concrete curbing, 20,554 sq.ft. concrete guttering, etc. J. B. McLees, clk.

Calif., San Jose—Santa Clara Co. making surveys paving 2½ mi. Los Gatos-Almaden Rd. $150,000. R. Chandler, San Jose, co. surv.

Calif., San Luis Obispo — Supervs. San Luis Obispo Co. take bids about Mar. 1, 5 in. asphaltic concrete paving 1,361,330 sq. ft. Coast Highway between Morro and Cambria. A. F. Parsons, 644 Islay St., engr. Noted Feb. 4.

Calif., San Rafael—Supervs. Marin Co. soon take bids improving 2½ mi. road from Tomales to Marin Co. line Rd., 11,600 cu.yd. grading, 722 lin.ft. 12- to 48-in. corrugated pipe culvert, 1,250 cu.yd. crushed rock surfacing, etc.; also portion Red Hill Rd., 33,000 cu.yd. grading, 390 lin.ft. 10 in. and 288 ft. 12- to 48-in. corrugated pipe culvert, 3,000 cu.yd. gravel surfacing, etc. J. C. Oglesby, San Rafael, co. surv.

Calif., Vernon—Plans paving, etc., Boyle Ave. and Evergreen St., etc. To exceed $25,000.

Ont., Bothwell—Village plans concrete or macadam paving Main St. $25,000. W. N. Bradley, clk.

Ont., Hamilton—Making plans concrete paving Crosthwaite, Garside, Cameron and Barons Sts. $115,000. W. L. McFaul, city engr.

Ont., Hamilton—City Council plans asphalt on concrete paving Barons Ave. $29,120. W. L. McFaul, City Hall, engr.

Ont., Kitchener—Plans sidewalks and asphalt paving Earl St. from Union to Glasgow Sts., Union St. from Park to Earl Sts., Union St. from Park St. to city limits, Cameron St. from Weber to Troy Sts., Fisher St. from Union to city limits, and Earl St. from Union to John Sts. $76,000. S. Shupe, City Hall, engr.

Ont., London—Middlesex Co. plans grading, graveling, etc. various roads. $40,000. Most of work by day labor. C. Talbot, County Bldg., London, engr.

Ont., Niagara Falls — Stamford Twp. plans macadam paving 3 mi. various streets. $60,000. M. Kerr, Niagara Falls, engr.

Ont., Ottawa—Plans grading and asphalt or concrete paving O'Connor St. from Pretoria to 5th Aves. $29,000. A. F. Macallum, City Hall, engr.

Ont., Sarnia—Lambton Co. plans grading, macadam and concrete paving, etc., various roads. $100,000. J. McCallum, Alvinston, engr.

Ont., Toronto—York Twp. plans widening, grading and probably macadam paving portion West Rd. $40,000. F. G. Goedike, 40 Jarvis St., engr.

Ont., Toronto—Plans grading lane between Woodbine Ave. and Rainsford Rd., $13,500; concrete paving lane 1st north of Gerrard St., $6,618; and asphalt resurfacing Colborne St., $9,396. R. C. Harris, City Hall, engr.

Ont., Toronto—North York Twp. plans widening and paving Yonge St. from city limits to Steeles Corners. $85,000. James, Proctor & Redfern, 36 Toronto St., engrs.

B. C., Burnaby—Municipality soon takes bids improving various streets. $74,000. E. Smith, Edmonds, consult. engr. Noted Feb. 4.

B. C., West Vancouver — Municipality soon takes bids grading and concrete paving 2 mi. Marine Dr. from 11th to 31st Aves. W. G. Swan, Birks Bldg., Vancouver, consult. engr.

BIDS DESIRED

N. Y., Corning — Mar. 4, by Bd. Pub. Wks., W. O. Drake, supt., grading, curbing and rein.-con. paving various streets; adv. E. N.-R. Feb. 18.

New Jersey—Mar. 3, by Bd. Freeholders Monmouth Co., Court House, rein.-con. paving 2.388 mi. Farmingdale-Manasquan Rd. 34 (Sect. 4) and 0.57 mi. Manasquan-Biggetts Rd. 74. G. K. Allen, Jr., 60 Broad St., Red Bank, engr.; adv. E. N.-R. Feb. 18.

New Jersey—Mar. 1, by State Hy. Comn., Trenton, grading, rein.-con. and sheet asphalt paving Route 3, Sect. 14, in Absecon, Atlantic Co. A. L. Grover, Broad St. Bank Bldg., Trenton, secy.; adv. E. N.-R. Feb. 18.

N. J., Asbury Park — Mar. 2, by City Comn., bituminous paving 4,600 sq.yd. Plaza Pl., Asbury Ave., Emory and Bond Sts. Sincerbeaux & Moore, Mechanic Bldg., Trenton, engrs. Noted Dec. 31.

N. J., Camden — Mar. 3, by Delaware River Bridge Joint Comn., Widener Bldg., Phila., Pa., G. Pinchot, chn., grading, paving, etc. Camden approach between 5th and 7th Sts., etc., Contr. 27, for bridge over Delaware River connecting cities of Camden and Phila. J. K. Costello, secy.; adv. E. N.-R. Feb. 18.

N. J., East Orange — Feb. 23, by City Council, L. E. Rowley, clk., 50,000 gal. bituminous road binder, 200,000 gal. non-asphaltic road oil, etc. on various streets.

Pa., Phila.—Feb. 19, by Dept. Pub. Wks., Bureau of Engineering, grading, curbing, paving, etc. and lighting system, etc. in area south of Shunk St. between Delaware and Schuylkill Rivers. G. H. Biles, dir.

Delaware—Mar. 10, by State Hy. Dept., Dover, grading and concrete paving, etc. 3.66 mi. Pine Tree-Odessa Contr. 56, 0.81 mi. Grubb's Corner-Hanby's Corner Contr. CN24, 2.43 mi. County Farm-Wyoming Contr. CK32, 1.33 mi. through Farmington Contr. CK33 and 3.35 mi. Gumboro-Maryland Line Contr. CS49; also superstructure rolling bascule bridge over Broadkill Creek, Contr. 53B; adv. E. N.-R. Feb. 18.

D. C., Wash.—Mar. 10, at District Bldg., grading and concrete and sheet asphalt paving, also sheet asphalt resurfacing and renewing various streets, roads and avenues; adv. E. N.-R. Feb. 18.

W. Va., Williamson—Mar. 2, by Mingo Co. Court, Court House, improving 3.4 mi. Matewan-Thacker Rd., Project 37. L. C. Linkous, Williamson, co. road engr.

South Carolina — Mar. 2, by State Hy. Dept., Columbia, grading sand clay surfacing, etc. 13,351 sq.yd. State Route 24, State Project S-589-C, Orangeburg Co., A. T. Brown, Orangeburg, engr.; top soiling, etc., 33,144 cu.yd. State Route 55, State Project S-603, Greenwood Co., 9,137 cu.yd. State Route 7, State Project S-625, Abbeville Co., E. D. Sloan, Greenville, engr.

Florida—Mar. 25, by Bd. Bond Trustees Ocean Shore Impvt. Dist., at office Secretary, Daytona Beach, approximately 40 mi. paving roads, and 300,000 cu.yd. earth embankment, etc., in Flagler and Volusia Counties. C. M. Rogers, Daytona Beach, engr.; adv. E. N.-R. Feb. 18. Noted Jan. 28.

Fla., La Belle — Feb. 23, by Bd. City Comrs., cement sidewalks, grading, guttering and paving, etc. various streets. $400,000. Ames & Winthrop, La Belle, city engrs.

Ala., Birmingham — Mar. 10, by City Comn., sheet asphalt on 5 in. concrete paving 7 blocks 7th Ave. S., 40 ft. $43,200.

Miss., Quitman—Feb. 25, by Bd. Supervs. Clarke Co., improving 14.724 mi. Federal Aid Project 78-A and 83-B, 87,118 cu.yd. excav., 43,965 cu.yd. borrow, 1,025 ft. culvert pipe, 72,249 lb. reinforcing, 6.13 mi. Bermuda sod, bridges over 20 ft. span, incl. 168,988 ft. creosoted timber, 5,922 ft. untreated timber. 6,758 ft. creosoted piling, etc., also 120 ft. steel span bridge. H. C. Dietzer, Jackson, engr.

Miss., Rosedale—Mar. 9, by City, concrete paving 45,000 sq.yd. various streets. R. F. Cornell, 1313 Walnut St., Vicksburg, engr.

Louisiana—Mar. 16, by State Hy. Comn., Baton Rouge. graveling 5.25 mi. Covington-Franklin Highway, State Project 373-C, Tammany Parish; and 9.1 mi. Sects. B-2 and C-1 Eunice-Lecompte Highway, State Project 380, Evangeline Parish. R. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

La., Napoleonville — Feb. 27, by R. L. Baker, pres. Police Jury Assumption Parish, hardsurfacing 12 mi. roads in Dist. 3. J. C. Warless, Napoleonville, engr. Noted July 9.

Tenn., Nashville — See "Contracts Awarded."

O., Akron—Mar. 1, by W. F. Peters, dir. Pub. Serv., grading, curbing and vitr. brick paving, etc., 2,400 sq.yd. Moreley Ave. $25,000. E. A. Kemmler, Delaware Bldg., engr.

O., Cleveland—Feb. 24, by City, cement and stone sidewalks in Northerly, Southerly, Westerly and West Park Dists. $110,000. R. Hoffman, city engr.

Ind., Anderson—Mar. 2, by Comrs. Madison Co., concrete paving Isaac N. Kempler Rd., Anderson twp. $57,416. C. Forkner, aud.

Ind., Bedford — Mar. 2, by Bd. Comrs. Lawrence Co., Courthouse, constructing Springville and Fayetteville Rd., $31,839; Township line and Liberal Rd., $12,572; Lawrenceport and Leipsic Rd., $12,392; Bartlettsville and Chapple Hill Rd., $8,677; William and Fayetteville Ridge Rd., $14,974; Leesville and Zelma Rd. Div. 1, $4,911; and Leesville and Zelma Rd. Div. 2, $5,332. J. H. Taylor, aud.

Ind., Greenfield — Feb. 25, by Comrs. Hancock Co., constructing G. C. Hopkins et al., Rd. between Greensboro Twp., Henry Co. and Brown Twp., Hancock Co., cement. $28,000. G. O. Dunn, aud.

Ind., Indianapolis—Mar. 8, by Bd. Comrs. Marion Co., Courthouse, constructing and improving highway in Washington Twp. $35,000. H. Dunn, co. aud.

Mich., Mason—Feb. 20, by Ingham Co., graveling 7.588 mi. road, 16 ft.

Mich., Muskegon — Mar. 8, by I. L. Christiansen, city clk., 7 in. concrete paving 5,800 sq.yd. Nims St., $20,300; 6 in. concrete paving 3,002 sq.yd. Delaware Ave. $10,507, 8,586 sq.yd. Southern Ave. $30,051, 5,962 sq.yd. Larch Ave. $18,784, and 3,669 sq.yd. Moon St., $12,761; 2½ in. sheet asphalt on 6 in. stone paving 1,600 ft. Merrill Ave. $20,610, and 760 ft. Schuyler St. $10,822, both 30 ft.; 2½ in. sheet asphalt on 5 in. concrete paving, etc., 800 sq.yd. Holbrook Ave. $3,262; 2½ in. sheet asphalt paving 5,725 sq.yd. Forest Ave. $9,322, and 4,374 sq.yd. 3rd St. $8,066; 2½ in. sheet asphalt on old concrete resurfacing 400 ft. Concord Ave., $4,136. H. J. Lewis, City Hall, engr.

Ill., St. Charles—Feb. 23, by City, City Hall, grading, curbing, guttering and rein.-con. paving 32,558 sq.yd. various streets. Wells Eng. Co., Court House, Geneva, engrs.

Wis., Two Rivers—Feb. 24, by R. Biehl, city mgr., sidewalks, curbing, guttering and paving 30,000 sq.yd. various streets. To exceed $25,000.

Ia., Ottumwa—Feb. 26, by E. J. Chambers, city clk., curbing, guttering and rein.-con. surfacing 10,877 sq.yd. Milner St. $43,711, 10,584 sq.yd. Ransom St. $45,110, 7,302 sq.yd. Willard St. $30,912 and 5,390 sq.yd. Hancock St. $22,740. H. E. Cook, City Hall, engr.

North Dakota — Mar. 2, by State Hy. Comn. and Bd. Comrs. Barnes Co., Courthouse, Valley City, improving Projects 233 C, 221 AB, and 171; Mar. 3, Cass Co., Courthouse, Fargo, Projects 267 A, and 268 B; Mar. 4, Richland Co., Courthouse, Wahpeton, Project 285 B; Mar. 5, Grand Forks Co., Courthouse, Grand Forks, Projects 125, 199, 241 and 246 B; Mar. 9, Ward Co., Courthouse, Minot, Projects 181 and 182; adv. E. N.-R. Feb. 18.

Tex., Anderson—Mar. 3, by R. W. Barry, judge Grimes Co., grading and bridging 11.07 mi. State Highway 45, State Aid Project 621, $46,000; also 5.08 mi. State Highway 90, State Aid Project 610, $37,000, both 26 ft. O. A. Seward, Jr., Navasota, engr.

Tex., Boston—Mar. 4, by S. I. Robinson, judge Bowie Co., grading, bridging and gravel surfacing 10.75 mi. State Highway 98, State Aid Project 644, 26 ft. $43,000. F. E. Hess, resident engr.

Tex., Carthage—Mar. 4, by T. E. Boven, judge Panola Co., clearing, grubbing, bridging and grading 5.09 mi. Highway 8-A, State Aid Project 636, $35,700; also 6.47 mi. State Highway 8, Federal Aid Project 482-A., $68,700, both 26 ft. D. E. Martin, Carthage, co. engr. Noted Dec. 24.

See proposal advertisements on page 120, Advertising Section.

Streets and Roads (Continued)

Tex., Linden — Mar. 3, by F. E. Hess, engr., Linden, grading, bridging and gravel surfacing 5.64 mi. Highway 8, Federal Aid Project 457-A, for Cass Co. $90,000.

Tex., Waxahachie — Feb. 27, by H. R. Storall, Judge Ellis Co., grading and bridging 0.87 mi. State Highway 34, Federal Aid Project 385-C, $27,000; also 4.19 mi. State Highway 6, Federal Aid Project 487-C, $26,500, both 26 ft. W. A. Spalding, Waxahachie, co. engr.

California—Mar. 8, by State Hy. Comn., Sacramento, concrete widening 2.1 mi. road between Borden and Madera. R. M. Morton, Forum Bldg., Sacramento, highway engr.

Calif., Hanford — Feb. 24, by E. F. Pickerill, clk. King Co., constructing highway from Armona east 2 mi. on Rd. Five Curves on Hanford-Corcoran Highway, 3,337 cu.yd. concrete paving 170,979 sq.ft. paving on 3½ in. asphaltic paving, 30,962 sq.ft. 4½ in. asphaltic concrete base, and 201,671 sq.ft. 1½ in. asphaltic concrete surfacing, etc. R. May, Hanford, co. surv. Noted Dec. 24.

Calif., Martinez — Mar. 1, by Supervs. Contra Costa Co., reconstructing tunnel highway between Buckley Ranch and Oak Villa, 71,000 cu.yd. excav., 5,710 cu.yd. macadam paving, etc. To exceed $25,000. R. R. Arnold, Martinez, co. surv. Noted Feb. 4.

Calif., Oroville—Mar. 1, by C. F. Belding, clk. Butte Co., constructing Sect. B, Oroville-Chico Rd., 3,720 tons broken stone surfacing (commercial stone), 3,720 tons broken stone surfacing (local stone), 145 tons "E" Grade asphaltic oil spread, etc. H. H. Hume, co. surv. Noted Nov. 19.

Calif., San Diego—Mar. 1, by Common Council, curbing, grading and sidewalks on 37,893 sq.ft. 32nd St. and Greely Ave.; also curbing and asphaltic concrete paving 109,-190 sq.ft. 17th St. between F St. and Imperial Ave. F. A. Rhodes, city engr. Noted Jan. 14 and 21.

Calif., Walnut Creek—Feb. 24, by City Trustees, grading, 2 in. asphaltic macadam paving 136,527 sq.ft. and vibrolithic concrete paving 150,000 sq.ft. various streets. R. L. Calfee, 221 South 22nd St., Richmond, engr. Noted Dec. 17.

BIDS RECEIVED

New Jersey—State Hy. Comn., Trenton, Feb. 15, grading, also 3 sixty ft. span bridge and one small bridge, on Route 9, Sect. 18, Clinton Cutoff, Hunterdon Co., from Richards & Gaston, Somerville, $139,234. Noted Jan. 28.

N. J., Long Branch — Monmouth Co. (Freehold), Feb. 3, rein.-con. paving 1.65 mi. Cedar and Westwood Aves., here, from J. F. Burke, 309 Park Ave., Plainfield, $131,651. Noted Jan. 14 under "New Jersey."

Pennsylvania—State Hy. Dept., Harrisburg, Feb. 6, **(A means Application and R. means Route)** one course rein.-con. paving 13,760 ft. West Wheatfield Twp. Rd., A. 3652, Indiana Co., from R. V. Baldwin, 1361 4th Ave., Coraopolis $92,184, 17,440 ft. Big Beaver Twp. Rd., R. 354, A. 3605, Beaver Co., from O. B. Bracht, Box 286, Titusville $136,820, 25,080 ft. Penn-Manheim Twp. Rd., R. 441-230, A. 3544, York Co., from Continental Contg. Co., Knickerbocker Bldg., Baltimore, Md. $195,659, 41,712 ft. Davidson-Laporte Twp. Rd., R. 19-16, Sullivan Co., from James & Nicholson Co., Inc., 610 U. S. Natl. Bank Bldg., Johnstown $440,483, 4,062 ft. Loyalsock-Old Lycoming Twp. Rd., R. 18-20, Sect. 6, Lycoming Co., from A. W. Henaman, Williamsport $47,-363, 22,520 ft. Benton Twp.-Benton Boro Rd., R. 235, A. 2860-3306, Columbia Co., from Lane Constr. Co., 35 Colony St., Meriden, Conn. $220,748, 8.580 ft. North Fayette Twp. Rd., R. 257, A. 3558, Allegheny Co., from Hardy & Rankin, 40 Murdock St., Canonsburg $68,836, 17,874 ft. Pine Grove Twp. Rd., R. 91, Sect. 6, A. 3678, Venango Co., from Rockford Constr. Co., Rockford, Ill., $109,550; also one course rein.-con. and vitr. brick paving 2,393 ft. Indiana Borough, R. 68, A. 3768, Indiana Co., from M. Bennett & Sons, Indiana, $43,357. Noted Dec. 31.

W. Va., Clarksburg—Harrison Co., Feb. 9, paving Elk Dist. Rd., from Ferguson Bros., Clarksburg, concrete $363,278, bituminous macadam $328,174. Noted Jan. 28.

North Carolina—State Hy. Dept., Raleigh, Feb. 8, from J. F. Mulligan Constr. Co., North Wilkesboro, grading and topsoiling 5.81 mi. Project 772, Watauga Co. $110,408, 6.86 mi. Project 715, Ashe Co. $112,418, 12 mi. Project 303, Bladen Co. $74,930; from N. L. Teer, Durham, clearing, grubbing and grading 7.95 mi. Project 479, Wake Co. $47,125, 15.96 mi. Project 240, Johnston Co. $39,246, 9.87 mi. Project 664, Richmond Co. $55,409, from Huffstills & Ginn, Gastonia, 8.78 mi. Project 635, Gaston Co. $100,292, from W. E. Graham, Mt. Ulla, 4.7 mi. Project 838, Henderson Co. $38,912, 6.47 mi. Project 650, Mecklenburg Co. $68,619; from O. F. Leighton & Co. Inc., Mutual Bldg., Richmond, Va., grading and concrete or asphalt paving 8.56 mi. Project 1020, Beaufort Co. $187,340, 13.46 mi. Project 3960, Robeson Co. $294,593, from Zeigler Bros., Greensboro, 6.83 mi. Project 985, Swain Co. $178,172, from E. H. Wright & Son, Bryson City, 10.27 mi. Project 579, Randolph Co. $273,037, 5.16 mi. Project 465, Person Co. $173,025, from F. J. McGuire, Bankers Trust Bldg., Norfolk, Va., 7.45 mi. Project 1992, Wilson Co. $228,641, from Highway Eng. & Constr. Co., Selbyville, Del., 6.57 mi. Project 4870, Wake Co. $182,811. Noted Jan. 28.

Louisiana — State Hy. Comn., Baton Rouge, repairing washouts 4.19 mi. Natchitoches-Leesville Highway, State Highway Project 315, Sect. A-2, and 5.9 mi. Sect. E same highway, Natchitoches Parish, from Welsh & Salter, Cypress, $17,715. Noted Jan. 21.

Kentucky — State Hy. Dept., Frankfort, Feb. 8, **(F. A. P. means Federal Aid Project)**, grading, etc., 4.064 mi. Columbia-Greensburg Rd., F. A. P. 143-A, Adair Co., from E. Young, Columbia, $39,027; 1.477 mi. Fulton-Mayfield Rd., F. A. P. 146-B, Fulton Co., from L. E. Carter & Co., Lovelaceville, $16,907; 15.313 mi. Mayfield-Fulton Rd., F. A. P. 146-A, Graves Co., from Carter, Carter & Braden, Clay, $107,213; 4.147 mi. Elizabethtown-Leitchfield Rd., F. A. P. 147-A, Hardin Co., from General Constr. Co., Elizabethtown, $21,734; 2.986 mi. Fulton-Clinton Rd., F. A. P. 131-F, Fulton Co., and 6.933 mi. Clinton-Bardwell Rd., F. A. P. 131-E, Hickman Co., from Landrum Bros. & Ewell, Dyer, Tenn., $14,-777 and $66,603 respectively; 5.193 mi. Hodgenville-Greensburg Rd., F. A. P. 126-B, La Rue Co., from Mason, Douglas & Handley, West Point, $39,519; 3.59 mi. Richmond-McKee Rd., F. A. P. 129-B, Madison Co., from Vandiver Constr. Co., Harrodsburg, stone masonry $87,280, from H. H. Miller, Jackson, concrete $88,598. Noted Jan. 7.

O., Akron—W. F. Peters, dir. Pub. Serv., Feb. 8, **(e. e. means engrs. est.)**, from Columbus Asphalt Paving Co., 304 Buckeye Bldg., grading, curbing and asphalt paving 1,255 sq.yd. Portage Dr. $7,818 e. e. $9,500, 1,655 sq.yd. Dorchester Rd. $12,800 e. e. $14,600, from McCourt Constr. Co., 365 South Main St., 5,925 sq.yd. Berwin and other streets $37,524 e. e. $47,600, 2,940 sq.yd. Alfaretta Ave. $19,154 e. e. $23,700, 2,680 sq.yd. Oakland Ave. $13,577 e. e. $17,-000, from T. E. McShaffrey Constr. Co., 173 South Forge St., 3,500 sq.yd. Ruby Ave. $24,861 e. e. $30,350; from T. Zuppa, 55 North 11th St., Kenmore, grading and cindering 525 cu.yd. Ranney St. $6,088 e. e. $7,600, from M. Kalain, 573 Wilson St., 800 cu.yd. Tulip St. $5,666 e. e. $7,000, from Guran & Brancich, 429 Matthews St., 1,200 cu.yd. Whitney Ave. $10,903 e. e. $13,600, and 375 cu.yd. Whittier Ave. $3,587 e. e. $4,200. Noted Jan. 28.

Ill., Galesburg—Bd. Local Impvts., Jan. 23, grading, curbing and vitr. brick on concrete paving 8 blocks Day St., 27 ft., from H. H. Gunther, 571 North Seminary St., $42,096. Engrs. est. $44,830. Noted Jan. 21.

JANUARY
leads them all

2602 reports, against 2371 in January, 1925.

$190,647,000 worth of contracts, against $171,099,000 in January, 1925.

These figures are for the United States alone.

In addition—$7,384,000 worth of Canadian contracts was reported.

The gain was consistent in practically all classes, as shown by the following figures for the United States:

	1925	1926
Water-Works	184	248
Sewers	150	137
Bridges	93	98
Waste Disposal	4	8
Excavation, drainage, etc.	51	62
Streets and Roads	538	582
Industrial Buildings	248	247
Commercial Buildings	869	969
Federal Government Work	72	95
Unclassified	162	146
	2,371	2,602

See proposal advertisements on page 120, Advertising Section.

Streets and Roads (Continued)

Missouri—State Hy. Dept., Jefferson City, Feb. 5, from E. D. Tyner Constr. Co., Kansas City, grading 4.148 mi. Cameron-Gallatin Rd., DeKalb Co. $38,439, from Richmond Constr. Co., Richmond, 2.919 mi. road from St. Joseph north, Andrew Co., $2,285, 3.911 mi. Cameron-Gallatin Rd., Daviess Co., $14,242, and 3.468 mi. Kansas City-Jefferson City Rd., Pettis Co., $9,256, from Dobson & Robinson, Lincoln, Neb., 3.868 mi. Cameron-Gallatin Rd., Daviess Co. $19,951, from S. J. Graves & Sons Co., Minneapolis, Minn., 8.635 mi. Cameron-Gallatin Rd., Daviess Co. $44,021, and 3.306 mi. road from Sylvia north and south, Wayne Co. $70,934; from Haller-Emerson Co., Boonville, grading, 22 ft. amiesite and rock asphalt paving 0.625 mi. Boonville-New Franklin Rd., $20,383, also 18 ft. gravel surfacing 1.63 mi. same road, Howard Co., $23,160; from Independent Constr. Co., Pittsburg, Kan., grading and 18 ft. concrete paving 0.966 mi. Carthage-Joplin Rd., Jasper Co., $16,918; from M. E. Gillioz, Monnett, 18 ft. gravel surfacing 8.374 mi. Piedmont-Marble Hill Rd., Wayne Co. $84,869, from D. C. Horton, Ft. Smith, Ark., 14.167 mi. road from Osceola south, St. Clair Co. $95,444, from J. A. Kerr, Ozark, 14.755 mi. road from West Plains east and west, Howell Co. $39,937, from Graham Bros., Leeds, 2.693 mi. Mexico-Montgomery City Rd., $13,151, and 0.674 mi. Mexico-Paris Rd., $4,224, both in Audrain Co., from Phillips & Rigsley, Waynesville, 4.959 mi. Jefferson City-Brazito Rd., Cole Co., $43,088, from Kiefner & Geile, Perryville, 4.993 mi. Piedmont-Marble Hill Rd., Bollinger Co., $40,246, from J. J. Bailey, St. Louis, 1.16 mi. same road, $18,-261, from F. F. Eberhardt Paving Co., Salina, Kan., 2.919 mi. road from St. Joseph, north, Andrew Co., $42,850, from R. M. Davis & Son, Salisbury 2.731 mi. Fayette-New Franklin Rd., Howard Co., $18,128, from A. L. Cosby, Leeds, 0.672 mi. road from Galena south, Stone Co. $27,622, from F. Kersting Co., Jefferson City, 2.674 mi. Mexico-Montgomery City Rd., Audrain Co. $12,113, from Trogdon Bros., Quincy, Ill., 2.167 mi. road from Kingston north and south, Caldwell Co., $2,814; from R. P. Harper Constr. Co., Chillicothe, 30 ft. grading 3.466 mi. St. Joseph-Hannibal Rd., Linn Co. $25,411, from Pioneer Constr. Co., New York Life Bldg., Kansas City, 3.958 mi. road from Nevada west, Vernon Co. $18,-817, from J. P. Sparks, Kirkwood, 3.156 mi. road from Silva west and east, Wayne Co. $34,989, from J. K. McClarren & Sons, Anobel, 4.369 mi. Waverly-Marshall Rd., Saline Co. $12,318, from Kelly & Underwood, Granby, 3.999 mi. Seneca-Neosho Rd., Newton Co. $24,665, from Winstead & Gunter, Siloam Springs, Ark., 3.857 mi. same road $28,317, from Nevada Constr. Co., Nevada, 3.254 mi. road from Nevada west, Vernon Co. $20,131, and 6.998 mi. Butler-Appleton City Rd., Bates Co., $51,823, from G. A. Nichols, 1800 North Indiana St., Oklahoma City, Okla., 4.98 mi. St. Joseph-Hannibal Rd., Linn Co. $36,384, 1.835 mi. Marshall-Waverly Rd., Lafayette Co. $8,887, and 8.601 mi. same road, Saline Co. $33,928, from C. E. Walker, Cedar Rapids, Ia., 6.751 mi. same road, Linn Co. $64,167; from C. H. Atkinson, Watertown, S. D., 9 ft. concrete paving 20.562 mi. Cameron-Gallatin Rd., Daviess Co., $124,881; from Richmond Constr. Co., Richmond, 18 ft. concrete paving 3.468 mi. Kansas City-Jefferson City Rd., Pettis Co., $45,782. Noted Jan. 28.

Calif., Los Angeles—From Curtis Paving Co., 2440 East 26th St., improving Woodman Ave. between Raymer St. and Sherman Way, grading $18,000, 79,820 sq.ft. 6 in. concrete paving $0.18 per ft., 828,164 sq.ft. 1½ in. Warrenite-bitulithic on 3½ in. asphaltic concrete surfacing $0.19 per ft., etc., total approximately $190,439; from Southern Pacific Constr. Co., 2813 Glendale Blvd., Vineland Ave. between Central Ave. and Ventura Blvd., grading $4,000, 237,755 sq.ft. 6 in. concrete paving $0.183, etc., total $63,970. Noted Feb. 4.

Calif., Oakland—Alameda Co., constructing roadways, walks, steps, walls, etc. at Highland Hospital, from Frederickson & Watson, Builders Exch. Bldg., $210,000. Noted Jan. 28.

CONTRACTS AWARDED

N. J., Red Bank—Monmouth Co. (Freehold) rein.-con. paving 0.79 mi. Rumson Rd., here, to Jannarone Co., 225 Passaic Ave., Belleville, $42,851. Noted Jan. 14 under "New Jersey."

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., asphalt paving Bermuda St. between Duncan St. and point about 282 ft. south and Edgemont St. between point 427 ft. south of Orthodox and Eddington Sts., $13,975, also Rutland St. between Harrison and Wakeling Sts. $7,051, to Barber Asphalt Co., 239 North 30th St., Bodine St. between Bristol and Cayuga Sts. $6,037, Nedro St. between 21st and Kemble Sts. $9,245, 5th St. between Nedro and Godfrey Sts. $25,581, 20th St. between Andrews and Middleton Sts. $5,765, and asphalt repaving 52nd St. between Baltimore and Warrington Sts. $78,824; to Eastern Asphalt Co., 1504 Pennsylvania Bldg., asphalt paving Conlyn St. between Ogontz and Grange Sts. $8,565, to Union Paving Co., 30th and Locust Sts., Torresdale St. between I and N Sts., $94,-583; to Fish-Rutherford, Inc., 4058 Chestnut St., redressed granite block repaving (track areas) of Erie St. between Germantown Rd. and 2nd St. $60,142, Girard St. between 54th and 60th Sts. $29,418, 12th St. between Columbia and Huntingdon Sts. $32,627, 19th St. between Girard and Susquehanna Sts. $32,571, and 29th St. between Lehigh and Allegheny Sts. $28,292; to Acchione & Canuso Paving Co., 804 South 12th St., redressed granite block repaving 4th St. between Market and Race Sts. $14,687, to Municipal Paving Co., 702 Catharine St., 4th St. between Pine and Catharine Sts. $25,671; and to R. B. Wenner, 2313 Walnut St., grading Holme Ave. between Holme Circle (Welsh Rd.) and Willits Rd. $45,032. Grand total $468,-066. Noted Feb. 11.

Pa., Pittsburgh — Allegheny Co., general contract 16 ft. brick on 18 ft. rein.-con. paving 22,050 ft. Lebanon Church Rd., Mifflin and Jefferson Twps. near here, to Duilus & Benentend, Hargrove St., $303,000. Engrs est. $350,000.

Tenn., Nashville—City will grade and macadamize Cedar Lane, Blair Blvd., Coffee, Albion, Hamilton, North 6th and 7th Sts., Sweetbriar, Jones, 28th, Richardson and Hermosa Aves., by day labor. To exceed $25,000. W. H. Peebles, supt. streets.

Minn., Fergus Falls — H. Collins, city clk., paving, curbing, 7½ in. rein.-con. paving 24,050 sq.yd. and 6 in. concrete paving 538 sq.yd. Union and Cavour Aves., to C. F. Sculley Equipment Co., 212 Dakota Bldg., St. Paul, $67,744. Noted Jan. 14.

Ill., Chicago — Bd. Local Impvts., City Hall, substructure and superstructure of Sect. 9 South Water St. Impvt. from east line State St. to west line Wabash Ave., to Mid-Continent Constr. Co., 6 North Michigan Ave., $547,131. Noted Feb. 11.

Kan., Hiawatha—F. A. Ford, clk. Brown Co., grading, etc. 6.854 mi. Federal Aid Project 274-A, also three 8 ft. multiple box spans and one 25 ft. deck girder span bridge, to Rickel, Coleman, Reese & Dubach, Scandia, $45,832. Noted Jan. 14.

Tex., Abilene — Paving North 2nd St. from Almond to Sassafras Sts. and North 2nd St. from Ash to Almond Sts., to West Texas Constr. Co., Cotton Exch. Bldg., Ft. Worth, $32,651.

Tex., Abilene — For 1½ in. Warrenite bitulithic on 2 in. asphaltic concrete and 6 in. gravel paving about 6 blocks Edlewold St. from Grand Ave. to Sayles Blvd. and Pecan St. from South 3rd to 4th Sts., also hard paving about 7 blocks North 2nd St. from Ash St. to Almond Ave., to West Texas Constr. Co., Abilene, $2.27 per yd. and $25,000 respectively. Noted Jan. 28.

Tex., Gilmer—L. G. Martin, city secy., brick on gravel paving 27,000 sq.yd. various streets., to Cocke & Turner, Marshall, $44,-657. Noted Feb. 11.

Tex., Houston — Warrenite paving Polk Ave. from Slaughter Pen Bayou Bridge to Hughes St., to Gulf Bitulithic Co., Bankers Mortgage Bldg., $51,570.

Tex., Tulia—J. H. O'Neall, mayor, 2½ in. brick on 4 in. concrete paving approximately 47,000 yd. various streets, to Jordan Constr. Co., Plainview, $131,806. Noted Feb. 11.

Tex., Wichita Falls — Hard paving, etc. about 9 blocks Grace and Harrison Sts., to Plains Paving Co., c/o Staley Bldg., $3 per sq.yd. Engrs. est. $28,000.

Oklahoma—State Hy. Dept., Oklahoma City, **(S. A. P. means State Aid Project and e. e. means engineers estimate)**, grading, etc., 11.39 mi. Vinita-Chelsea Rd., S. A. P. 254, Craig Co., to J. C. Fields, Denison, Tex., $30,417 e. e. $35,000; 8.51 mi. Vinita-Afton Rd., S. A. P. 255-A and B, Craig Co., to O. M. Drake, 804 Barnes Bldg., Muskogee, $31,226 e. e. $35,000; 6.48 mi. Medford-Jefferson Rd., S. A. P. 268, Grant Co., to Garfield Constr. Co., Enid, $26,757 e. e. $30,000; 6.789 mi. Blanchard-New Castle Bridge Rd., S. A. P. 181-A, McLain Co., to D. Sweeney, 614 West 11th St., Oklahoma City, $27,987 e. e. $30,000; 5.66 mi. Chelsea-Rogers Co. line Rd., S. A. P. 257-A, Rogers Co., to T. L. Green, 519 West Main St., Oklahoma City, $29,615 e. e. $32,500; 3.679 mi. Hennessy-Kingfisher Co. line Rd., S. A. P. 264, Kingfisher Co., to J. E. Smith, Nobl[illegible] $18,-562 e. e. $25,000, all above roads 30 ft. wide. Grand total $164,564. Noted Jan. 28.

Oklahoma—State Hy. Dept., Oklahoma City, grading and concrete surfacing 7,847 sq.yd. State Aid Project 248-A, and 21,720 sq.yd. same road, Sect. B, Payne Co., to Dougherty, Nichols & Wiggins, Tradesmens Bldg., Oklahoma City, $23,9[illegible] and $50,010 respectively. Engrs. est. $25,000 and $55,000 respectively. Noted Jan. 28.

Oklahoma—State Hy. Dept., Oklahoma City, grading, etc., 9.61 mi. Comanche-Stephens Co. line Rd., State Aid Project 252-C and D, Stephens Co., 54,510 cu.yd. earth, and 2,027 cu.yd. rock excav., 32,462 cu.yd. borrow, 50,950 cu.yd. overhaul 23.53 tons reinforcing, etc., to Green Constr. Co., 519 West Main St., Oklahoma City, $34,-670. Engrs. est. $41,000. Noted Jan. 21.

Okla., Blackwell—Grading, curbing and vertical fibre brick paving 11,360 sq.yd. streets in Impvt. Dist. 31, to O. T. Tyler, Blackwell, $46,274. Engrs. est. $50,210. Noted Jan. 7.

Calif., Los Angeles — Curbing, guttering, walks, and asphaltic concrete paving Ave. 46 between York Blvd. and Mont Eagle Pl., to Day Corp., Boston Bldg., Pasadena, $351,925. Noted Feb. 4.

Calif., Long Beach — To V. Kovacevich, 1553 Loma Ave., improving Termino Ave. between Anaheim and State Sts., 98,668 sq. ft 7 in. concrete paving $0.24 per sq.ft., 15,-112 sq.ft. walks $0.16, 3,566 ft. curbing $0.42, etc.

Calif., Los Angeles—Asphaltic concrete paving, etc., Woodley Ave. between Roscoe and Sherman Way, to Gibbons & Reed, 2022 Glendale Blvd., $24,385.

Calif., Los Angeles — Bd. Supervs. Los Angeles Co., curbing, guttering, walks, concrete paving, etc. 195,172 sq.ft. Bellview Ave., to G. H. Oswald, 366 East 58th St., $63,958; also grading, 86,361 sq.ft. 6- to 8-in. and 196,123 sq.ft. 5- to 9-in. concrete paving, etc. Santa Fe Ave., etc., to J. M. Shull Co., 1260 Locust Ave., Riverside, $160,313. Noted Jan. 28.

Calif., Los Angeles—Grading, curbing and asphaltic concrete paving Pacific Ave. between Hamilton Ave. and Paseo Del Mar, also Walker Ave. between 18th and 25th Sts., to Griffith Co., Railway Bldg., $24,276 and $120,785 respectively.

Calif., San Diego—Common Council, 220,-858 sq.ft. 6 in., and 18,359 sq.ft. 5 in. concrete paving, etc. Torrey Rd., Pearl and Girard Sts., to E. P. Ford, 4200 Highland Ave., $55,690; also 5 in. concrete paving, etc. 138,929 sq.ft. Brighton Ave. between Abbott and Guizot Sts., to B. Noble, Spreckels Bldg., $37,739. Noted Jan. 21.

Calif., Torrance—Grading, curbing, 6 in. concrete and 5 in. macadam paving Cedar Ave. between Carson and alley in Block 87, to Oswald Bros., 366 East 58th St., Los Angeles, $102,210. Noted Dec. 31.

Calif., Willows—City Trustees, grading, curbing, guttering and 2½ in. Warrenite-bitulithic surfacing, etc., Tehama St., etc., to Clark & Henery Constr. Co., Chancery Bldg., San Francisco, $68,500. Noted Jan. 21.

Buildings—Industrial

PROPOSED WORK

Ala., Sheffield—LAMP STANDARD FACTORY—King Co., 8th and Doniphan Aves., St. Joseph, Mo., plans factory for manufacturing electric light standards, here. $100,000.

Tenn., Paris—SHOP and MILL—Louisville & Nashville R.R. Co., Louisville, Ky., W. H. Courtenay, ch. engr., plans rebuilding shop and planing mill, here, recently destroyed by fire. $40,000.

O., Akron — HEATING PLANT and LAUNDRY—City having plans prepared by Good & Wagner, Buckeye Bldg., 1 and 2 story, 40 x 100 ft. heating plant and laundry, East Market St. $100,000.

O., Cleveland—FACTORY—Wovenwright Knitting Co., J. F. Norton, pres., 1276 West 6th St., plans 2 or 4 story, brick, steel and concrete, East 45th St. and Payne Ave. $100,000. Engineer and architect not selected.

O., Cleveland — FOUNDRY — Crucible Steel Casting Co., W. H. Shepard, pres., West 8th St. and Almira Ave., had preliminary plans prepared by G. S. Rider Co., Century Bldg., 1 story, 100 x 200 ft., brick and steel, West 8th St. and Almira Ave. $100,000.

See proposal advertisements on page 120, Advertising Section.

BRIDGE—DELAWARE

Bids were opened by State Highway Department, Dover, for bridge over Broadkill Creek, Contract No. 53-A, (A) Kaufman Construction Co., Philadelphia; (B) Carl R. Camp, Philadelphia; (C) A. S. Fox, Rehoboth; (D) New Jersey General Construction Co., Princeton; (E) Vineyard Shipbuilding Co., Milford; Roberts Paving Co., Salisbury, $33,157; F. R. Jones, Wilmington, $33,855; Hill Construction Co., Mt. Holly, $42,390; G. A. Flink, Wilmington, $45,285. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
430 cu.yd. wet excavation	$10 50	$15 00	$7 00	$14 00	$6 00
300 cu.yd. dry excavation	3 25	3 60	2 50	4 00	4 00
135 cu.yd. CL "AA" concrete	31 00	21 50	34 40	26 00	41 00
335 cu.yd. CL "A" concrete	22 50	19 70	33 40	25 00	40 00
10,000 lb. reinforcement	07	07	07	07	08
60 lin.ft. 15 in. R.C. pipe	2 00	3 00	3 00	3 50	4 00
3,300 lin.ft. timber piling	80	1 25	1 10	1 10	3 70
1,000 lin.ft. creosoted timber piling	1 70	1 75	1 50	1 90	4 00
3 M. ft. b.m. fender timber	150 00	220 00	200 00	160 00	200 00
2 M. ft. b. m. sheet piling	150 00	100 00	200 00	200 00	200 00
Temporary bridge (lump sum)	4,000 00	3,000 00	2,450 00	4,000 00	3,990 00
Payment to Keller & Harrington	900 00	900 00	900 00	900 00	900 00
Extended totals	$28,023	$28,547	$29,953	$31,325	$45,855

Buildings—Industrial (Continued)

O., Cleveland—PLANT—Cleveland Electric Illuminating Co., Illuminating Bldg., soon lets contract 3 story, 56 x 124 ft. switchhouse, 2 story, 34 x 86 ft. control house, 1 story, 80 x 92 ft. oil storage building, all brick, steel and concrete, Clinton Ave. $175,000. E. J. Cook, Illuminating Bldg., engr. and archt.

O., Germantown—CEMENT PLANT—Dayton Portland Cement Co., J. F. Gibbons, pres., Gibbons Hotel, Dayton, plans cement plant, here. $1,000,000.

O., Portsmouth — PRINT SHOP — Keystone Printing Co. had plans prepared by Devoss & Donaldson, Portsmouth, 2 story, 30 x 80 ft. print shop, 842 4th St. $40,000.

Ind., Elkhart — FACTORY — H. Weis Mfg. Co. plans 1 story, brick and rein.-con. factory. $90,000.

Ind., Indianapolis — STORAGE — Acme-Evans Co., Blake and Washington Ave., soon lets contract grain storage building, incl 13 round bins, 110 ft. high. $90,000. Bacon & Tislow, 206 West 31st St., archt.

Ill., Chicago—FACTORY—R. E. Major & Co., archts., 4022 West Madison St., taking bids 1 story and basement, brick, 4638 West Huron St., for Western Name Plate Co., 4638 West Huron St. $60,000.

Ill., Chicago—FACTORY—F. A. Randall, structural engr., 160 North La Salle St., soon lets contract 2 story, 75 x 100 ft., brick and timber addition, 1650 Walnut St., for Jewell Electrical Instrument Co., 1650 Walnut St. $40,000.

Ill., Chicago—FACTORY—F. E. Davidson, archt, 2 West Van Buren St., soon lets contract 1 and 2 story, 26 x 600 ft., fireproof, 82nd St. and Haynes Ave., for C. E. Peterson Co., 4911 Wentworth Ave. Noted Dec. 3.

Ill., Venice — POWER PLANT — Illinois Power & Light Corp., 1547 Illinois Merchants Bank Bldg., Chicago, T. J. Lucas, ch. engr., purchased 80 acre site adjoining present plant, here, and plans addition, incl. 30,000 kw. turbine and three 1,500 hp. boilers. $5,000,000. Private plans.

Wis., Milwaukee—POWER HOUSE and LAUNDRY—See "Buildings—Educational, Religious."

Wis., Milwaukee — LIGHT MANUFACTURING—Ruech Printing Mchy. Co., 485 Bway., having plans prepared by O. Webb, 544 49th St., 3 story and basement, 32 x 120 ft., brick and concrete or brick and mill, plain foundation, Bway. $50,000.

Wis., West Allis—DAIRY—Woodlawn Farm Dairy having plans prepared by F. Pfeifer, 586 66th Ave., 2 story, 52 x 60 ft., brick, plain foundation, 77th Ave. $40,000.

Ia., Des Moines—NEWSPAPER—Proudfoot, Rawson & Souers, archts., 810 Hubbell Bldg., soon let contract remodeling 3 story and basement, 66 x 133 ft., brick and steel, plain foundation, 8th and Locust Sts., for Register & Tribune Publishing Co., 715 Locust St. $150,000.

Neb., O'Neill — CREAMERY and REFRIGERATION PLANT—Armour & Co., 1200 Lake Shore Dr., Chicago, Ill., having plans prepared brick centralization creamery and refrigeration plant, here. $50,000. Private plans.

Mo., Marionville—VINEGAR FACTORY—Speas Vinegar Mfg. Co., Nicholson and Watkins Sts., Kansas City, plans vinegar factory, here. $75,000. Engineer and architect not selected.

Mo., St. Louis — MANUFACTURING — Century Electric Co., 1827 Pine St., purchased 8 acre site and making preliminary plans factory, Forest Park Blvd.

Ark., Little Rock—BAKERY—Continental Baking Co., c/o J. Newman, Home Life Bldg., soon takes bids 3 story and basement, 75 x 140 ft., rein.-con., 5th and State Sts. C. L. Thompson, 504 Home Life Bldg., archt.

Ark., Hot Springs—LAUNDRY—Craighead Laundry Co., 211 Valley St., having preliminary plans prepared by S. M. Frink, 206 Hobson Ave., 2 story and basement, 150 x 154 ft., rein.-con., brick, steel and terra cotta, 323 Malvern Ave.

Tex., San Marcos—COTTON MILL—Morris & Co. Textile Mill, Trenton, N. J., having preliminary plans prepared cotton mill, here. $300,000. Private plans.

Tex., Sanderson — POWER PLANT — Continental Gas, Light & Power Co., Ft. Worth, purchased plant Sanderson Ice, Water & Light Co., here, and plans improvements. Private plans.

Tex., Seguin — CANNING PLANT — Stock Co., c/o Chamber of Commerce, making preliminary plans cucumber canning plant. $25,000. Address Chamber of Commerce.

Okla., Duncan—GAS PLANT—Election soon approximately $100,000 bonds, gas plant. Address Mayor.

Okla., Enid — REFINERY — Bolene Refinery Co. plans enlarging and rebuilding refinery. $300,000. V. E. Bolene, pres.

Okla., Marland — COTTON GIN — E. Coyle, Perry, having preliminary plans prepared 5 stand 70 saw capacity cotton gin, here. $60,000. Private plans.

Nev., Reno — HEATING PLANT — Regents University of Nevada, plans fireproof central heating plant, on campus. $40,000.

Calif., Bakersfield—FREIGHT DEPOT—Southern Pacific R.R. Co., 65 Market St., San Francisco, having plans prepared, fireproof, 21st and R Sts. $175,000. Eng. Dept. of Owners, engrs.

Calif., King City—MILK CONDENSARY—Nestles Food Co., 112 Market St., San Francisco, plans milk condensary, here. $200,000 or more.

Calif., Los Angeles — FACTORY — Link-Belt, Meese & Gottfried Co., 400 East 3rd St., plans factory, 1st and Anderson Sts. To exceed $75,000.

Calif., Walnut Creek—SUB-STATION—Pacific Gas & Electric Co., 245 Market St., San Francisco, having plans prepared fireproof, near Orinda. $50,000. Eng. Dept. of Owners, engrs.

Ont., Kapuskasing—PAPER and POWER PLANTS—Spruce Falls Pulp & Paper Co., having plans prepared 400-500 ton newsprint mill, here and hydro-electric power plant, on Mattagami River, at Smoky Falls, both rein.-con. and steel. $10,000,000. G. F. Hardy, 305 Bway., New York City, engr.

Man., Winnipeg—PRINTING—T. Eaton Co., Ltd., Toronto, Ont., soon takes bids 120 x 160 ft., rein.-con. and brick, Robert St., here, $225,000. J. Woodman, 408 Great West Permanent Bldg., archt.

Mexico, Guadalajara—LIGHT PLANT—Morrison & McCall, Frost Bldg., San Antonio, Tex., purchased plant of Compania Electrica del Chapala of Mexico City and plans increasing capacity 100,000 hp., transmission lines, etc., here.

BIDS DESIRED

Conn., Danbury—GARAGE and REPAIR STATION—Schwartz Co., 284 Main St., taking bids 2 story, 80 x 100 ft., rein.-con. and steel, plain foundation, Main St. $68,000. Private plans.

Pa., Phila.—FACTORY—Feb. 23, by C. E. Wunder, archt., 1529 Locust St., 4 story and basement, 60 x 100 ft., rein.-con. and stone, plain foundation, 17th and Cambria Sts., for R. McNeil, 2347 Reese St. $150,000.

Pa., Phila.—WAREHOUSE—Feb. 29, by H. J. Heinz Co., 12th and Sedgley Sts., and A. Kahn, archt., Marquette Bldg., 5 story and basement, 100 x 330 ft., rein.-con., brick and steel warehouse. $1,000,000.

Pa., Wilson—PRINTING PLANT—Feb. 23, by Ballinger Co., archts., 12th and Chestnut Sts., Phila., 1 story and basement 128 x 302 ft., rein.-con. and brick, plain foundation, Northampton St. between 19th and 20th Sts., here, for Mack Printing Co., c/o archts. $100,000.

Tenn., Memphis—LAUNDRY—Feb. 23, by Memphis Steam Laundry, North 2nd St., 2 story and basement, brick laundry. $300,000. E. L. Hanson, Memphis, archt. Noted Aug. 20.

Ia., Cedar Rapids — MILLS — Waconia Sorghum Mills, Inc., Waconia, Minn., taking bids 4 steel buildings. To exceed $40,000. E. Wessale, pres. and genl. mgr.

Ark., Marshall—ICE PLANT—See "Contracts Awarded."

Calif., Bakersfield — NEWSPAPER PLANT — C. H. Biggar, archt., Bank of Italy Bldg., taking bids 2 story and basement, brick and concrete plant, for Bakersfield Californian. $100,000. Noted Oct. 29.

CONTRACTS AWARDED

Mass., Cambridge (Boston P. O.)—FACTORY — Daggett Chocolate Co., Lewis Wharf, Boston, 6 story and basement, 65 x 170 ft., rein.-con. and steel, Main and Ames Sts., here, to W. M. Bailey Co., 88 Broad St., Boston. Archts. est. $200,000.

Conn., New Britain—FACTORY—Amer. Hardware Corp., 10 Franklin Sq., 2 story, 60 x 360 ft., rein.-con. and brick, plain foundation, to Aberthaw Constr. Co., 80 Boylston St., Boston, Mass. Archts. est. $160,000. Noted Feb. 11.

N. Y., North Albany (mail Albany)—BAKERY — Kolb Baking Co., Allentown, Pa., 2 story and basement, 154 x 171 ft., brick and concrete Bway., here, to V. Gondos, 546 Court St., Reading, Pa., $500,000. Noted Oct. 15.

N. Y., Olean — CAR SHOPS — Pennsylvania R.R. Co., Broad St. Sta., Phila., Pa., general contract 1 story, 110 x 175 ft., brick and steel addition, here, to L. S. Peck, Inc., Empire Bldg., Pittsburgh, Pa. Archts. est. $250,000. Noted Jan. 14.

N. Y., Port Ivory (mail Mariners Harbor)—FACTORY—Proctor & Gamble, 6th and Main Sts., Cincinnati, O., rein.-con., steel and stone addition, plain foundation, here, to J. W. Ferguson, 52 Market St., Paterson, N. J. Archts. est. $3,000,000. Noted Jan. 7.

Pa., Braddock — POWER PLANT — United Electric Light Co., rein.-con., brick and steel power plant, to Day & Zimmermann, 1600 Walnut St., Phila. Engrs. est. $200,000. Noted June 4.

Pa., Chester — PLANT — B. R. Brown, constr. engr. Dept. Ford Motor Co., Highland Park, Mich., structural steel for as-

See proposal advertisements on page 120, Advertising Section.

Buildings—Industrial (Continued)

sembling building, power house, pump house, car delivery building, etc., Front St. and Delaware River, here, to McClintic Marshall Co., Oliver Bl., Pittsburgh, Pa. Noted Feb. 4.

Pa., Freeland—SHIRT FACTORY—Freeland Shirt Co., Dewey St., 1 story, 80 x 150 ft., incl. additional 1 and 2 story, Dewey Ave., to R. H. Woerfel, Markel Bank Bldg., Hazleton, $60,000.

Pa., Minersville — FACTORY — Phillips-Jones, Pottsville, 2 story and basement, 48 x 70 ft. brick and timber shirt factory, to C. Messersmith, Mahautorga St., Pottsville, $40,000.

Pa., Pittsburgh — LABORATORY—Vitro Mfg. Co., Fulton Bldg., general contract 4 story and basement, 32 x 80 ft., Fairston Ave., to F. Brunner Co., Fulton Bldg. Archts. est. $40,000.

Pa., Pittsburgh—PUBLISHING PLANT—Press Publishing Co., 222 Olive Ave., general contract 3 story and basement, 160 x 240 ft., 2nd Ave. and Short St., to W. T. Grange Constr. Co., Keenan Bldg. Engrs. est. $300,000. Noted Jan. 21.

Pa., Pottsville — SHIRT FACTORY — Phillips-Jones Co., 233 Mauch Chunk St., 2 story and basement, 73 x 217 ft., brick and cinder block, Pioneer Island, here, to C. Messersmith, 1201 Mahautonga St. $100,000.

Pa., Reading — BAKERY — Freehofer Bakery Co., 20 Indiana Ave., Phila., demolishing present buildings and constructing 2 story and basement, 50 x 143 ft., brick and concrete, Walnut St., here, to O. A. Deglar, 1041 Walnut St. $100,000. Noted Nov. 5.

W. Va., Weirton—PLANT—Weirton Steel Co., general contract 8 sheet mills, to Hughes-Foulkrod Co., 421 7th Ave., Pittsburgh, Pa.; steel contract, to McClintic-Marshall Co., Oliver Bldg., Pittsburgh, Pa. Archts. est. $2,000,000. Noted May 14.

Ga., Atlanta — PLANT — Coca Cola Bottling Co., 460 Edgewood Ave., 2 story, 150 x 150 ft., rein.-con. and steel, to Griffin Constr. Co., Bona-Allen Bldg. Engrs. est. $75,000. Noted Dec. 10.

Ala., Powderly — CEMENT MILL — Phoenix Portland Cement Corp., Birmingham, L. G. Morton, pres., will build 1,300,000 bbl. capacity, concrete and steel cement mill, here, by day labor. $2,500,000. R. J. Hawn, Birmingham, ch. engr.

Tenn., Memphis—TIRE STATION—W. A. Webster & Co., 224 East St., 2 story, 110 x 135 ft., steel, Linden Ave. and South Camilla St., to H. A. McGuire, 1746 Snowden St. Archts. est. $40,000.

O., Cleveland—FOUNDRY—Gluntz Fdry. Co., 3004 West 55th St., 1 story, 60 x 126 ft., and 24 x 30 ft. addition, 3005 East 55th St., to J. H. O'Grody, 2251 Goodnor Ave. Archts. est. $42,000.

Ill., Chicago—FACTORY—Dowst Bros. Co., 120 Ann St., masonry and carpentry contract 4 story and part basement, 100 x 100 ft., rein.-con., brick and stone, North Kenton Ave. and Fulton St., to G. F. Meyne, 127 North Dearborn St. Archts. est. $200,000.

Ill., Chicago—FACTORY, etc.—Morton Mfg. Co., 5133 West Lake St., masonry and carpentry contract 2 story, 93 x 228 ft., and 50 x 105 ft. factory and office building, 5111 West Lake St., to E. L. Ward, 4733 West Congress St. Archts. est. $95,000.

Ill., Evanston—FACTORY—Toy Tinkers Co., masonry and carpentry contract, 4 story, 120 x 196 ft., rein.-con. and brick factory, Ridge Ave. and Leon Pl., to W. E. O'Neil Constr. Co., 19 South La Salle St., Chicago. Archts. est. $140,000.

Wis., Wauwatosa—POWER PLANT—Milwaukee Co., W. L. Coffey, mgr. County Institutions, plans 2 story, rein.-con. and brick addition to central power plant, plain foundation. $316,000. Engineer and architect not selected.

Mo., Marionville—COLD STORAGE, etc.—Marionville Cold Storage Co., general contract, 4 story and basement, 85 x 110 ft. rein.-con. and brick, to Easley Bros., Aurora, $50,000. Noted Jan. 7.

Ark., Marshall—ICE PLANT—Marshall Ice & Electric Co. will build 1 story, 50 x 70 ft., rein.-con., brick and steel plant, by day labor. $50,000. This corrects report in Jan. 28 issue.

Okla., Tahlequah — HYDRO-ELECTRIC PLANT—State granted permission to C. Page, Chamber Commerce Bldg., Sand Springs, to construct hydro-electric plant on Illinois River, incl. 700 ft. dam, 60 ft. high, east of here. $690,000. C. Tingley, Sand Springs, engr. Noted Jan. 7.

Calif., Los Angeles—BAKING PLANT—C. W. Wittenburg, 2 story, 100 x 100 ft., brick and steel, West 62nd St., to Austin Co. of California, 777 East Washington St. Engrs. est. $40,000.

Buildings—Commercial

PROPOSED WORK

Mass., Boston — OFFICE, etc. — Owner, c/o W. H. Ballard Co. (lease mgrs.), 45 Milk St., having plans prepared by Blackall, Cass and Whittemore, 20 Beacon St., 13 story and basement, 160 x 235 ft., rein.-con. and steel office and light manufacturing building. $2,500,000.

Mass., Hyannis—APARTMENT—W. W. Hoblitzell, 31 Milk St., Boston, plans brick and steel, Main St. $250,000. Private plans.

Mass., Pittsfield — OFFICE — Berkshire Life Insurance Co., West St., plans 4 story and basement, 85 x 200 ft., brick and steel, West St. $300,000.

Mass., Springfield — THEATRE — Goldstein Bros. Co., Bway. Theatre, having new plans prepared 3 story, rein.-con. brick and steel, State St. $1,000,000. Engineer and architects names withheld.

Mass., Worcester — HOTEL — H. Steinberg, Main St., having plans prepared by Blackhall & Elwell, 44 Bromfield Ave., Boston, 14 story and basement, 60 x 125 ft., brick and steel, Elm St. $600,000.

R. I., Cranston (mail Providence) — HOSPITAL—State Hospital, G. T. Gordon, comr. Pub. Welfare, State Hospital, Providence, plans addition to state hospital, here. To exceed $150,000. Engineer and architect not selected.

Conn, Hartford—STORE, etc.—Eastern Plumbing Supply Co., 80 Market St., plans 3 or 4 story, 80 x 150 ft., brick and steel, store, showroom and storage, plain foundation. $125,000-$150,000. Engineer and architect not selected.

Conn., Hartford—STORE—Garber Bros., 120 Morgan St., plans 6 story, brick and steel, Asylum St. $250,000. Engineer and architect not selected.

Conn., New Haven—THEATRE—W. H. Day, archt., 44 Kirkman Ave., East Haven, preparing plans 1 story and basement, brick and steel, plain foundation, Whitney Ave., here. $150,000. Owner's name withheld.

Conn., Stamford — APARTMENT and GARAGE—S. Zatkin, Woolsey Rd., having plans prepared by D. Mansell, Strand Bldg., 4 story, U shaped, 72 rooms, brick, steel and stone, Highland Rd. $600,000.

Conn., Washington—CLUB—Berkshire-Waramaug Country Club, c/o J. Unger, archt., 93 Amity St., Flushing, N. Y., plans 2, 3 and 5 story, stone and concrete country club, Waramaug Lake. $3,500,000.

Conn., Waterbury—BUSINESS—Waterbury American, 174 Grand St., soon lets contract brick and steel business block, Grand St. $150,000 or more. Lockwood, Greene & Co., 24 Federal St., Boston, Mass., archts.

Conn., West Haven (br. New Haven) — THEATRE—State Amusement Co., c/o 195 George St., New Haven, having plans prepared by C. H. Abramowitz, 42 Church St., New Haven, brick and steel, plain foundation, Center St. and Campbell Ave., here. $200,000.

N. Y., Albany—BANK—Home Savings Bank, 13 North Pearl St., soon takes bids brick, steel and stone, plain foundation, North Pearl St. $1,000,000. Dennison & Hirons, 288 Lexington Ave., New York City, engrs. and archts. Noted Jan. 28.

N. Y., Brooklyn—THEATRE—M. L. Levine, 114 Graham Ave., soon takes bids brick, steel and stone, plain foundation, New York Ave. $200,000. J. M. Berlinger, 469 7th Ave., New York City, engr. and archt.

N. Y., Buffalo—STORAGE—Saskatchewan Co-operative Elevator Co., Chamber of Commerce Bldg., plans storage addition, office building, etc., Hamburg Turnpike. To exceed $300,000.

N. Y., Buffalo—Y. M. C. A. having plans prepared by Bley & Lyman, 505 Delaware St., Y. M. C. A. building, Abbott Rd. $150,000.

N. Y., New York—APARTMENT—C. W. Mave Co., c/o Springsteen & Goldhammer, engrs. and archts., 32 Union Sq., having plans prepared 5 story, brick, steel and stone, plain foundation, Shakespeare Ave. and 172nd St. $325,000.

N. Y., New York—TEMPLE—Temple Emanu-El, 5th Ave. and 43rd St., having plans prepared by R. D. Kohn, C. Butler and C. S. Stein, 56 West 45th St., brick, steel and stone, plain foundation, 5th Ave. and 65th St. $1,000,000.

N. J., New Lisbon — HOSPITAL — Bd. Control Burlington Co., Mt. Holly, plans new hospital, here. F. S. Chambers, New Lisbon, pres. Council. Engineer and architect not selected.

Pa., Altoona — HOME — Amer. Legion Camp 228, 1123 13th Ave., P. R. Kuhn, chn. building com., 809 Green Ave., plans 3 story and basement, 110 x 120 ft., steel, concrete and brick, 13th Ave. $200,000. Engineer and architect not selected.

Pa., Pittsburgh — HOSPITAL — Allegheny General Hospital, Stockton Ave., N. S., having plans prepared by York & Sawyer, 100 East 42nd St., New York City, N. Y., hospital, North Ave. $5,000,000.

Pa., Pittsburgh — INSURANCE EXCHANGE—Pittsburgh Insurance Exchange, Union Natl. Bank Bldg., having plans prepared by J. M. Donn, 1219 Connecticut Ave., Wash., D. C., 21 story and basement, 60 x 120 ft., steel, brick and terra cotta, 4th Ave. $1,250,000.

Pa., Pittsburgh—OFFICE—J. I. Simon, 520 5th Ave., having sketches made by Jardine, Hill & Murdock, 347 Madison Ave., New York City, 70 x 235 ft. office, 6th Ave. and Ross St. $1,000,000.

Pa., Wilkes-Barre—Y. M. C. A., Miners Bank Bldg., having plans prepared by T. Foster, Coal Exch., 4 story, 130 x 185 ft. building. $500,000.

Va., Danville — HOTEL, STORE and THEATRE — C. B. Clemens had plans prepared by H. A. Underwood, Commercial Bank Bldg., Raleigh, N. C., and takes bids about Mar. 15, 10 story, 78 x 186 ft., rein.-con. hotel, store and theater building. $400,000. Noted Jan. 28.

N. C., Clinton—COURT HOUSE—Sampson Co. plans new court house. $200,000.

Fla., Buena Vesta (br. Miami) — THEATRE, OFFICE and STORE — Paramount Enterprises, Inc., W. A. Leach, dir., 222 13th St., Miami, having plans prepared by J. Eberson, 212 East Superior St., Chicago, Ill., and Olympia Bldg., Miami, 75 x 174 ft., brick, tile and steel, Northeast 2nd Ave. and 38th St., here. $500,000.

Fla., Miami — THEATRE, OFFICE and STORE — Paramount Enterprises, Inc., W. A. Leach, dir., 222 13th St., having plans prepared by J. Eberson, 212 East Superior St., Chicago, Ill., and Olympia Bldg., Miami, 2 story, tile, brick and steel, on 150 x 175 ft. site, West Flagler St. and 16th Ave. $500,000.

Fla., Miami Beach — THEATRE, etc. — Paramount Enterprises, Inc., W. A. Leach, dir. 222 13th Ave., having plans prepared by J. Eberson, 212 East Superior St., Chicago, Ill., and Olympia Bldg., Miami, theatre, office and store, Collins Ave. and 8th St. $650,000.

Fla., West Palm Beach—CLUB—Y. M. C. A. had plans prepared by Harvey & Clarke, 6 story, brick, steel and tile, on 147 x 181 ft. site, Olive and 4th Aves. $500,000. Foundation for same, to Newlon Stephens, West Palm Beach.

Fla., St. Petersburg—BANK—Ninth St. Bank & Trust Co., J. N. Brown, pres., having plans prepared by M. L. Elliott, Citizens Bank Bldg., Tampa, and Hall Bldg., St. Petersburg, 15 story bank. $1,000,000.

Fla., Tampa — OFFICE — Permanent Impvts., Inc., D. S. Conoley, pres., having plans prepared by B. C. Bonfoey, 12 Petteway Bldg., 10 story, 105 x 158 ft. office building, Lafayette and Grand Central Aves. $1,000,000.

Miss., Gulfport—HOTEL and OFFICE—Odd Fellows Lodge, J. Dietrich, grand master, having plans prepared by Harkness & Lockport, Gulfport, 14 story hotel and office building. $1,500,000.

Miss., Jackson — STATION — Illinois Central R.R. Co., 135 East 11th Pl., Chicago, Ill., having preliminary plans prepared 2 story and basement, rein.-con., brick, stone and tile station, here. $250,000. F. L. Judd, Grand Central Station, Chicago, Ill., engr. of buildings. A. F. Blaess, ch. engr.

O., Alliance — OFFICE and MERCANTILE—F. Wheat plans 3 story and basement office and mercantile building, 430 Main St. E. $150,000.

O., Cleveland—ADMINISTRATION, etc.—City, D. S. Blossom, dir. Pub. Welfare, having plans prepared by F. C. Warner & W. R. McCormack, Buckley Bldg., 2 story each, administration, 4 cottages and women's building, all brick, steel, steel and concrete, Warrensville Farm. $500,000.

O., Cleveland—HOSPITAL—City, D. S. Blossom, dir. Dept. Welfare, having plans prepared by A. Garfield, Natl. City Bldg., 2 story and basement, 50 x 160 ft., and 37 x 140 ft., brick, steel and concrete pavilion for tuberculosis patients, Warrensville Farm. $250,000.

O., Cleveland—LABORATORY—City, D. S. Blossom, dir. Dept. Welfare, having plans prepared by A. Garfield, Natl. City Bldg., 2 story and basement, 51 x 170 ft. diagnostic laboratory, and 3 story service and addition, brick, steel and concrete, concrete pile foundation, Scranton Rd. $400,000.

O., Cleveland—STORE and OFFICE—A. M. Allen & Co., archts., 7016 Euclid Ave., soon lets contract 2 story and basement,

See proposal advertisements on page 120, Advertising Section.

SUBWAY—CHICAGO, ILL.

Bids were opened by Sanitary District of Chicago for substructure of McCormick Road Subway, (A) M. E. White Co., 1735 Fullerton Ave.; (B) W. J. Newman Co., 19 North Curtis St.; (C) Mid-Continent Construction Co., 6 North Michigan Ave.; (D) F. & G. Construction Co., 2816 North Washtenaw Ave.; (E) James A. Sackley Co., 4608 Belmont Ave.; Bannon Construction Co., $177,435; Hoeffer & Co., $218,950. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
29,000 cu.yd. excavation	$1 65	$1 23	$1 35	$2 00	$4 40
540 cu.yd. class B concrete	23 00	25 00	24 00	18 00	39 00
2,900 cu.yd. class C concrete	13 00	15 00	14 50	16 00	21 00
268,000 lb. reinforcing bars	0525	049	055	05	06
4,050 lin.ft. concrete curb at approaches	1 50	1 90	3 50	1 00	2 50
3,350 sq.yd. concrete pavement	3 50	3 30	4 00	3 60	4 10
1,570 sq.yd. asphalt pavement	5 75	6 25	6 25	3 80	5 55
730 sq.yd. concrete sidewalks	3 20	3 00	3 50	2 50	3 50
620 lin.ft. 24-in. tile drains	2 74	7 25	4 40	4 00	5 75
420 lin.ft. 18-in. tile drains	1 80	4 00	2 65	3 00	4 85
420 lin.ft. 15-in. tile drains	1 20	3 75	1 70	2 50	3 40
770 lin.ft. 12-in. tile drains	1 05	3 00	1 30	2 00	3 25
450 lin.ft. 10-in. tile drains	1 00	2 70	1 00	1 70	2 40
450 lin.ft. 8-in. tile drains	65	2 40	75	1 00	2 00
1,000 lin.ft. 6-in. tile drains and smaller	40	1 20	60	50	1 25
350 lin.ft. deck inlets and conductors	1 70	2 00	1 50	1 00	3 50
36 curb inlets	72 50	36 00	60 00	50 00	35 00
20 manholes	85 00	125 00	100 00	75 00	95 00
4 lawn inlets	90 00	17 00	100 00	50 00	35 00
500 lin.ft. hand railing	4 70	5 00	7 00	3 00	5 00
800 sq.yd. waterproofing for backwalls and retaining walls	90	1 50	75	1 00	75
Extended totals	$154,448	$158,374	$177,435	$165,616	$281,156

Buildings—Commercial (Continued)

brick and steel, Carnegie Ave. and Fairmount Rd., for W. T. Fairmont Co., c/o D. E. Wilcox, 332 Euclid Ave. $150,000.

O., Columbus — STORE — Goldsmith Music Co., 25 East State St., having sketches made 4 story and basement, 30 x 114 ft., rein.-con., brick and steel, East Long St. $165,000. Engineer and architect not selected.

O., Salem—BANK and OFFICE—Home Savings & Loan Co. plans bank and office building, Main St. $150,000.

O., Salem—HOME—B. P. O. E. takes bids in spring, elks home, McKinley Ave. $150,000. C. F. Owsley, 669 Wick Ave., Youngstown, arch.t

O., Warren—BUSINESS—Wick Securities Co. plans rebuilding 3 story, brick and steel, plain foundation, High St., recently destroyed by fire. $200,000 loss.

O., Youngstown — GARAGE — M. W. Scheibel, archt., Realty Bldg., soon lets contract 3 story and basement, 63 x 327 ft., rein.-con., Wick Ave., for J. H. Fitch Co., F. G. King, pres., 102 Wick Ave. $300,000. Shank & Foster, 6007 Euclid Ave., Cleveland, structural engrs. E. R. Muldren, c/o owner, lessee.

Ind., Anderson — BANK and OFFICE — Anderson Bank & Trust Co., 1001 Meridian St., having plans prepared by E. P. Watkins, 1724 Main St., 5 or 6 story, 90 x 150 ft., 10th and Meridian Sts. $350,000.

Ind., Indianapolis—THEATRE—Scherer Bros., Linton, having sketches made by H. C. Callender, Greencastle, 3 story, 75 x 180 ft., brick, steel and rein.-con., here. $150,000.

Mich., Brighton—HOTEL—J. S. Murphy plans rebuilding 4 story and basement, 100 x 250 ft., rein.-con., brick and steel, plain foundation, Grand River Ave. and Main St., recently destroyed by fire. $150,000. H. V. Pipp, Ann Arbor, archt.

Mich., Detroit — OFFICE — Detroit City Gas Co., 415 Clifford St., having plans prepared by Smith, Hunchman & Grylls, 800 Marquette Bldg., 4 story, 100 x 100 ft., rein.-con., brick and steel addition, plain foundation. $175,000.

Ill., Canton — COMMUNITY HOUSE — Canton Community Assn., c/o C. H. Hippler, pres., Chamber Commerce Bldg., having preliminary plans prepared 2 and 3 story, concrete, brick and stone community house. $150,000 up.

Ill., Chicago — APARTMENT — P. F. Olson (owner and archt.), 720 Cass St., making preliminary plans and takes bids in March or April, 12 story, 50 x 125 ft., rein.-con., brick and stone, 705 Junior Terrace. $300,000.

Ill., Chicago—APARTMENT—J. Hunt, et al., 30 North Michigan Ave., making plans 16 story, 72 x 507 ft., rein.-con. and steel, Lake Shore Dr. and Pearson St. $5,000,000. Private plans.

Ill., Chicago—HOSPITAL—Alpine Hospital, A. N. Moore, pres., 6646 Coney Island Ave., having plans prepared by Hall, Lawrence, Rippel & Ratcliffe, and takes bids about Mar. 15, 6 and 7 story, 40 x 300 ft. with 50 ft. addition, rein.-con., brick, steel and stone, Ellis Ave. between 83rd and 84th Sts. $1,000,000.

Ill., Chicago—HOTEL—S. Isenstein & A. Smith, 2726 West Roosevelt Rd., having plans prepared by Duin & Eisenberg, 14 West Washington St., 6 story, 96 x 150 ft., rein.-con., brick, steel and terra cotta, Racine and Leland Aves. $650,000.

Ill., Chicago—HOTEL—Plotke & Grosby, 111 West Washington St., plans 25 story, 172 x 186½ ft. hotel, Wabash Ave. and 7th St. $5,000,000. Engineer and architect not selected.

Ill., Chicago—MEDICAL—Y. M. C. A., 19 South La Salle St., S. O. Houser, secy., having plans prepared by Berlin & Swern, 19 South La Salle St., and takes bids about Mar. 1, 10 story and basement, 125 x 147 ft., rein.-con., brick and stone, 1800-1810 West Congress St. $800,000.

Wis., Kenosha — BANK and OFFICE — First Natl. Bank, Main St., plans probably 8 story, brick, stone and concrete, plain foundation. $1,000,000. Engineer and architect not selected.

Wis., Milwaukee — LODGE — Pythian Castle, Inc., 464 11th Ave., plans 2 story and basement, 120 x 126 ft., brick and concrete, plain foundation, National Ave. $150,000. Engineer and architect not selected.

Wis., Milwaukee — THEATRE — Mal Investment Co., 425 East Water St., having revised plans prepared by Dick & Bauer, 811 State St., 2 story and basement, 162 x 240 ft., rein.-con., brick and terra cotta, plain foundation, Farwell Ave. $750,000. Noted Sept. 17.

Neb., Lincoln—DEPOT—Chicago, Burlington & Quincy R.R., 547 West Jackson Blvd., Chicago, Ill., A. W. Newton, ch. engr., plans 2 story, brick and stone passenger depot and new trackage for passenger yards, here. $700,000.

Neb., McCook — COURT HOUSE and JAIL — Red Willow Co., having plans prepared by M. L. Evans, Brandeis Bldg., Hastings, and takes bids about Apr. 1, court house and jail. $325,000. Noted Dec. 24.

Mo., Moberly—CITY HALL—Election Apr. 6, $125,000 bonds, new city hall.

Ark., Texarkana — DEPOT — Missouri-Pacific R.R. Co., Ry. Exch. Bldg., St. Louis, Mo., E. A. Hadley, ch. engr, Texas & Pacific R.R. Co., Dallas, Tex., E. A. Mitchell, ch. engr., St. Louis Southwestern R.R. Co., Tyler, Tex., W. S Hanley, ch. engr., and Kansas City Southern R.R. Co., Kansas City, Mo., A. N. Reese, ch. engr., making preliminary plans 2 story and basement, rein.-con., brick, steel and stone union passenger depot, etc., here. $1,300,000.

Tex., Ft. Worth—THEATRE and HOTEL—J. Jones, c/o Tarrant Co. Medical Bldg. Co., having plans prepared by W. C. Hedrick, 1st Natl. Bank Bldg., 22 story and basement, 100 x 200 ft., rein.-con., brick, stone and steel, West 7th, West 6th and Taylor Sts. $1,500,000. Engineer not selected.

Okla., Guthrie—DORMITORY—Masonic Grand Lodge making preliminary plans 3 story and basement, brick, Harrison St. $150,000. W. Anderson, secy. Engineer and architect not selected.

Okla., Tulsa—COURT HOUSE—Tulsa Co. making preliminary plans 3 story and basement court house, Detroit St. $300,000. Engineer and architect not selected.

Wash., Olympia—BANK and OFFICE—E. M. Chandler, engr., Olympia, takes bids about Mar. 1, 5 story, 60 x 118 ft., rein.-con., probably wood pile foundation, Washington St. and 4th Ave., for Security Bank Building Co. $220,000. A. H. Albertson, Henry Bldg., Seattle, archt. Noted Dec. 17.

Wash., Seattle — APARTMENT — E. A. Roberts, archt., Burke Bldg., rejected bids Jan. 26, 8 story and basement, 80 x 103 ft., rein.-con., brick and stone, East 43rd St. and Brooklyn Ave., for University Dist. Development Co., H. W. Soules, pres., Burke Bldg. $350,000. Will readvertise.

Ore., Portland — APARTMENT or HOTEL — W. S. Babson, c/o Peerless-Pacific Co., 235 Stark St., having sketches made apartment or hotel, 17th and Morrison Sts. $150,000.

Calif., Crescent City — HOTEL — C. S. Mabrey, 2528 41st St., Sacramento, plans fireproof hotel, here. $150,000.

Calif., Dunsmuir—HOTEL—Hotel Weed having preliminary plans prepared by G. C. Sellon & Co., California State Life Bldg., Sacramento, 2 story, brick addition. $150,000.

Calif., Glendale — APARTMENT — Owner, c/o Galvin & Woods, 512 Colorado St., had plans prepared by F. Benchley, 1023 W. M. Garland Bldg., Los Angeles, 4 story, 51 x 110 ft., 522 South Glendale Ave. $154,000.

Calif., Long Beach — AUDITORIUM — Election $600,000 bonds, auditorium.

Calif., Los Angeles—APARTMENT—J. S. Holmes & Co., 700 South La Brea Ave., had plans prepared 5 story and basement, 105 x 190 ft., rein.-con., Rossmore Blvd. $300,000. Private plans.

Calif., Los Angeles — GARAGE, STORE and OFFICE — O. H. Neher, archt., Insurance Exch. Bldg., soon takes bids part 1 and 2 story, 150 x 210 ft., brick, West Washington St., for M. E. Foy, c/o architect.

Calif., Los Angeles — THEATRE — C. B. DeMille, c/o M. Hunt, archt. and H. C. Chambers, associated archt., Hibernian Bldg., having plans prepared rein.-con., Vine St. $400,000.

Calif., Los Angeles — THEATRE and LODGE — Chotiner Amusement Co., c/o R. D. King, archt., Van Nuys Bldg., having plans prepared 2 story, 130 x 138 ft., brick and concrete, 1,000 seating capacity, 9th St. and La Brea Ave.

Calif., San Francisco — APARTMENT — L. J. Potter, 2240 Green St., had plans prepared by E. H. Denke, 1317 Hyde St., 8 story and basement, Vallejo St. near Laguna St. $250,000.

Calif., San Francisco—APARTMENT—Quandt & Bos, archts., Humboldt, Bank Bldg., soon take bids 15 story and base-

See proposal advertisements on page 120, Advertising Section.

Buildings—Commercial (Continued)

ment, Green St. near Jones St., for J. H. Rosseter, 945 Green St. To exceed $150,000.

Calif., San Francisco — THEATRE — Orpheum Theatres, 147 O'Farrell St., having plans prepared by G. A. Lansburgh, 140 Montgomery St., theatre in Mission Dist. $250,000.

Calif., Santa Monica—CLUB—Breakers Club, H. L. Lewis, chn. building com., had sketches made by A. B. Rosenthal, 709 Hillstreet Bldg., Los Angeles, 4 story, 125 x 220 ft., rein.-con., Marine Terrace and Ocean front. To exceed $150,000. Noted Nov. 19.

Ont., London—HOTEL—Reinart Realty & Constr. Co. (contractors), 110 East 42nd St., New York City, takes sub bids about Mar. 1, 10 story, 200 x 250 ft. hotel, Dundas St., here, for London Hotel Co., 353 Richmond St. $1,000,000. W. W. Ahlschlager, 65 East Huron St., Chicago, Ill., archt. Noted Jan. 28.

Ont., Toronto—OFFICE—Federal Building Corp., 85 Richmond St. W., plans 11 story and basement, 75 x 85 ft., rein.-con. and brick, plain foundation, Bay and Albert Sts. $500,000. Engineer and architect not selected.

Man., Winnipeg — WAREHOUSE and SHOWROOM — International Harvester Co., 606 South Michigan Ave., Chicago, Ill., plans 5 story and basement, rein.-con. and brick, Main and Sutherland Sts., here. $190,000. Private plans. J. A. Tanner, local mgr.

BIDS DESIRED

Mass., Boston — GARAGE — See "Contracts Awarded."

Conn., New Haven—APARTMENT—See "Contracts Awarded."

Pa., McKeesport—STORE—Famous Department Store, 5th and Market Sts., taking bids 5 story and basement, 38 x 140 ft., steel, brick and hollow tile, 5th and Market Sts. $150,000. P. C. Dower, Magee Bldg., Pittsburgh, archt.

Fla., Ft. Worth — HOTEL — See "Contracts Awarded."

O., Lakewood (Cleveland P. O.) — APARTMENT—C. B. Jurtz, Lorain Ave., and New York Central R.R. tracks, Cleveland, taking bids on revised plans 4 story and basement, 54 x 157 ft., brick, Love Ave. and Clifton Blvd., here. $200,000. Braverman & Havermaet, Ulmer Bldg., Cleveland, archts. Noted Sept. 3.

Ind., Muncie—HOSPITAL—Mar. 15, by Ball Memorial Hospital Bd., 3 story, 170 x 284 ft., brick, rein.-con. and plain foundation, incl. nurses home, etc., Normal City. Kibele & Garrard, Muncie, archts. Noted July 16.

Ind., Vincennes — COURTHOUSE — Feb. 20, by A. Hess, pres. Bd. Comrs. Knox Co., at office County Auditor, Courthouse, remodeling courthouse, 7th, 8th, Busseron and Bway. Sts. $175,000.

Mich., Detroit—OFFICE and GARAGE A. Kahn, archt., 1000 Marquette Bldg., taking bids 4 story, 56 x 321 ft., rein.-con. office building and 60 x 275 ft. brick and steel garage, plain fonudations, Clark Ave., for Cadillac Motor Car Co., Clark Ave.

Mich., Royal Oak (Ind. br. Detroit) — BIRD HOUSE and BEAR DEN—Mar. 1, by Donaldson & Meier, archts., 1310 Penobscot Bldg., Detroit, 2 story and basement, 95 x 137 ft., rein.-con., brick and steel bird house, plain foundation, $250,000, and 1 story rein.-con. and steel bear dens, plain foundation, $150,000, at Zoological Park, here, for Detroit Zoological Park Comn. R. F. Follett, chn.

Ill., Chicago — HOTEL — M. J. Poulsen, 6124 Kimbark Ave., taking bids 4 story, 50 x 148 ft., rein.-con., brick and stone, 6411 Kenwood Ave. $310,000. Kocher & Larson, 6405 South Halsted St., archt.

Ia., Davenport—SANITARIUM—Feb. 27, by Beuttler & Arnold, archts., 407 Grain Exch. Bldg., Sioux City, 2 story and basement, 37 x 101 ft., and 38 x 167 ft., rein.-con., brick, terra cotta and stone, for Grand Lodge A. F. and A. M. of Iowa. $160,000.

Ark., Hot Springs—HOTEL—Mar. 1, by Howe Hotel Co., Inc., c/o J. H. Howe, Rockefeller Hotel, 6 story and basement, 60 x 106 ft., rein.-con., brick, steel and terra cotta, Central and Canyon Sts. $250,000. Noted Jan. 21.

Calif., Alhambra — HOTEL, APARTMENT—Alhambra Community Corp. taking bids 5 story and basement, 90 x 175 ft., rein.-con., South Garfield Ave. and 1st St. $250,000. J. T. Payne, Western Mutual Life Bldg., Los Angeles, archt. T. Starrett, Detwiler Bldg., Los Angeles, associated archt. Noted Jan. 28.

Calif., Los Angeles—HOTEL—See "Contracts Awarded."

Calif., San Francisco — INDUSTRIAL HOME—S. O'Brien, archt., 742 Market St., taking bids 2 story and basement, Natoma St. between 4th and 3rd Sts., for Roman Catholic Archbishop of San Francisco, 1100 Franklin St. $150,000.

Calif., Woodland—STORE and HOTEL—See "Contracts Awarded."

BIDS RECEIVED

R. I., Providence—THEATRE—J. Conn, 104 Broad St., general contract superstructure 2 story, 60 x 95 ft., brick and steel, Bway. and Westminster St., from Mahoney & Tucker, 72 Weybosset St., $105,394.

N. J., Trenton—HOSPITAL—Bd. Institutions & Agencies, W. J. Ellis, acting comr., Feb. 8, general contract psychopathic building, nurses home, physicians home, convalescent building, etc., at New Jersey State Hospital, from W. C. Ehret, Trenton Trust Bldg., $510,000; heating and plumbing, from J. T. Evans, 158 South Main St., Wilkes-Barre, Pa., $88,219 and $58,409 respectively. Noted Jan. 21.

Ia., Mason City—Y.M.C.A., new building, from Madsen Constr. Co., 848 Builders Exch. Bldg., Minneapolis, Minn., $172,250.

Calif., Los Angeles—WAREHOUSE—C. F. Plumner, archt., 1108 Story Bldg., 2 story (ultimately 4 story) and basement, 95 x 240 ft., rein.-con., 2nd and Vignes Sts., from Baruch Corp., I. W. Hellman Bldg., for Challenge Cream & Butter Assn., 1219 South San Pedro St. $137,990. Noted Jan. 14.

Calif., San Jose—THEATRE—Weeks & Day, archts., 315 Montgomery St., San Francisco, rein.-con. and steel, 1,500 seating capacity, South 1st St., from Barrett & Hilp, 918 Harrison St., San Francisco, for West Coast Theatres, Inc., Knickerbocker Bldg., Los Angeles. Approximately $265,000. Noted Jan. 28.

CONTRACTS AWARDED

Mass., Boston—GARAGE—Y. D. Yard Serv. Garages, Inc., will build 8 story and basement, rein.-con., brick and steel, Park Sq., by day labor. $2,250,000. Krokyn & Browne, 220 Devonshire St., archts.

Conn., New Haven—APARTMENT—F. Pamone, 543 Savin Ave., West Haven, will build 4 story, 85 x 85 ft., brick and tile, plain foundation, Chapel St., here, by day labor. $150,000. J. Della Valle, 341 State St., archt.

N. Y., Brooklyn — EXCHANGE — New York Telephone Co., 15 Dey St., New York City, 2 story, brick, steel and stone addition, plain foundation, Ocean Ave., here, to W. L. Crow Constr. Co., 103 Park Ave., New York City. Archts. est. $450,000. Noted June 25.

N. Y., Brooklyn—GARAGE—S. C. LaVence, Inc., c/o Magnuson & Kleinert, engrs. and archts., 250 Park Ave., New York City, 2 story, 100 x 170 ft., rein.-con., brick and steel, plain foundation, Bedford Ave., here, to I. H. Meyer, 590 Sterling Pl. Archts. est. $200,000.

N. Y., Brooklyn—OFFICE—One Hundred Forty-Two Joralemon St. Corp., c/o M. E. Freehof, engr. and archt., 135 East 43rd St., New York City, 14 story, brick, steel and stone, plain foundation, 142 Joralemon St., here, to Herzig & Solomon, 415 Lexington Ave., New York City. Archts. est. $800,000.

N. Y., New York—APARTMENT—J. J. Summers, Times Bldg., brick, steel and stone, plain foundation, Madison Ave. and 67th St., to T. A. O'Hare Co., 270 Madison Ave. Archts. est. $750,000.

N. Y., New York—APARTMENT HOTEL—J. H. Hickey, c/o R. Candela, engr. and archt., 200 West 72nd St., brick, steel and stone, plain foundation, West 58th St., to J. Lowry, Inc., 270 Madison Ave. Archts. est. $275,000.

N. Y., New York — OFFICE — Herogal Constr. Co., c/o G. and E. Blum, engrs. and archts., 505 5th Ave., will build brick, steel and stone, plain foundation, 315 West 36th St., $1,200,000. Work will be done by separate contracts under architect's supervision.

N. Y., New York — THEATRE — A. Leursohn, 51 Bway., 1 story, brick, steel and stone, plain foundation Bway. and 170th St., to M. Shapiro & Sons, 1540 Bway. Archts. est. $1,000,000.

N. J., Jersey City—JAIL—Hudson Co., general contract 3 story, brick and steel, plain foundation, Newark Ave. and Willow Court, to W. H. and F. W. Cane, Inc., 10 Journal Sq., $1,297,228; plumbing, to E. H. Moore Co., 733 Communipaw Ave., $53,093; heating, etc., to J. H. Cooney, 210 North 4th St., Harrison, $38,900; and electrical work, to W. J. Coleman, 20 Willow Court, $29,650. Grand total $1,418,931. Noted Feb. 11.

Pa., Monongahela — BANK — Morgan French & Co., archts., 19 West 44th St., New York City, N. Y., 3 story and basement, 60 x 80 ft. bank, West Main and 2nd Sts., here, to Cuthbert Bros., Bessemer Bldg., Pittsburgh, for Monongahela City Trust Co. Archts. est. $250,000. Noted Feb. 4.

Md., Baltimore — HOME — Bureau Catholic Charities, E. L. Leonard, 415 Cathedral St., 3 story and basement, 40 x 115 ft. home for aged, brick and steel, plain foundation, Roland St. to Frainie Rds. & Haigley, 19 West Franklin St., $150,000. Noted Feb. 11.

N. C., Greensboro—UNION STATION—Southern R.R., B. Herman, ch. engr. 1360 Penn. Ave., Wash., D. C., large Union Depot, here, to Consolidated Eng. Co., Calvert Bldg., Baltimore, Md. Engrs. est. $1,000,000.

Fla., Fort Myers — HOTEL — Day & Zimmerman Eng. & Constr. Co., 16th and Walnut Sts., Phila., Pa., will build 10 story, 150 x 150 x 150 ft., brick, Anderson Ave. and McGregor Blvd., here, by separate contracts, for Fort Myers Community Hotel Corp., c/o C. W. Russell. $650,000.

Fla., Homestead—HOTEL—Palm Hotel Co., 3 story, brick and rein.-con., on 100 x 150 ft. site, Kings Highway and Krome Ave., to F. T. Ley, Vail Arcade, Miami, and 1134 Massachusetts Ave., Boston, Mass., approximately $365,000. Noted Jan. 21.

Fla., West Palm Beach—APARTMENT—Webber, Cook & Harsha, Inc., 3 story, rein.-con. and hollow tile apartment, to R. J. and F. W. Blandford, West Palm Beach. Archts. est. $400,000.

La., New Orleans—HOSPITAL—Sisters of St. Joseph, 6 story and basement, rein.-con., steel and stone, pile foundation, Apricot, Fig, Pine and Burdette Sts., to G. J. Glover Co., Inc., Whitney Bldg. Archts. est. approximately $300,000.

Ky., Newport — OFFICE — Newport Finance Corp., Newport Natl. Bank Bldg., 7 story and basement, 50 x 67 ft., rein.-con. and brick, plain foundation, 4th and York Sts., to M. Penker & Son, 123 Valencia St., Cincinnati, O., $150,000.

O., Cincinnati — COMMUNITY — Wise Center, Reading Rd., 3 story and basement, rein.-con. and brick, plain foundation, Reading Rd., to David Gordon Building Co., Burnet St., $400,000. Noted Jan. 14.

O., Cleveland — COMMERCIAL and APARTMENT — Brighton Realty Co., c/o J. Larongre, Williamson Bldg., 2 story and basement, 100 x 140 ft., brick, West 112th St. and Lorain Ave., to C. Peterson Constr. Co., 4500 Euclid Ave. Archts. est. $150,000.

O., Massillon—RECEIVING COTTAGE—Dept. Pub. Welfare, Columbus, 3 and 4 story and basement, 79 x 135 ft., brick and steel, to R. H. Evans Co., 1010 Atlas Bldg., Columbus. Archts. est. $150,000.

Ind., Indianapolis—WAREHOUSE—Fishback Co., F. S. Fishback, pres., 102 South Pennsylvania St., general contract 5 story and basement, 62 x 193 ft., brick, steel and rein.-con., McCarthy and Delaware Sts., to L. Colvin, 16th and Meridian Sts. Archts. est. $200,000.

Mich., Detroit — HOTEL — L. Kamper, Bldg., 15 story and basement, 112 x 246 ft., rein.-con., brick and steel, plain foundation, Woodward Ave. and Adelaide St., to O. Misch Co., 159 East Columbia St., for P. Kamper & R. L. Spitzley, Kamper Bldg. Archts. est. $2,500,000.

Mich., Detroit—OFFICE—Calvert Lithographing Co., Grand River Ave., 3 story and basement, 45 x 130 ft., rein.-con., brick and steel, plain foundation, to A. A. Albrecht Co., Penobscot Bldg. Archts. est. about $150,000.

Mich., Detroit—OFFICE and FACTORY—Wayne Color Plate Co., 1036 Wayne St., 4 story, 45 x 163 ft., rein.-con. and brick, plain foundation, Burroughs Ave., to A. A. Albrecht Co., 1130 Penobscot Bldg. Archts. est. $160,000.

Ill., Chicago—APARTMENT—McNally & Quinn, archts., 10 South La Salle St., masonry and concrete contract 15 story and basement, 100 x 166 ft., rein.-con., brick and steel, 424 Melrose St., to J. A. Lundstrom Co., 5153 North Clark St., for Four Hundred Twenty-Four Building Corp., c/o W. C. Bannerman & Co., 77 West Washington St. Archts. est. $2,100,000. Noted Jan. 21.

Ill., Chicago—APARTMENT—F. T. Hoyt, et al., 160 North La Salle St., general contract 15 story and basement, 100 x 125 ft., rein.-con., brick, steel and stone, 1209-17 Astor St., to Lundoff-Bicknell Co., Keith Bldg., Cleveland, O. Archts. est. $1,500,000. Noted Dec. 10.

Ill., Chicago—BANK and OFFICE—Allied State Bank, 10 North Clark St., masonry and carpentry contract 6 story, 61 x 125 ft., rein.-con., brick and terra cotta, 329-331 South Wood St., to Christensen Constr. Co., 2054 North Cicero Ave. Archts. est. $325,000. Noted Oct. 1.

Ill., Chicago—HOTEL—A. Neilsen, 7845 South Peoria St., masonry and concrete contract 4 story and basement, 89 x 107 ft., rein.-con., brick and steel, 736-748

See proposal advertisements on page 120, Advertising Section.

Buildings—Commercial (Continued)

Englewood Ave., to Bundoe Bros., 1071 East 75th St. Archts. est. $400,000.

Ill., Chicago—HOTEL—Friedman Constr. Co., c/o H. D. Friedman, 105 North Clark St.; masonry contract Dorian Hotel, 3 story, 150 x 158 ft., 4545-4555 Woodlawn Ave., to S. Monson, 7922 Laflin St. Archts. est. $200,000.

Ill., Chicago — OFFICE and STORE — A. S. Alchuler, archt., 28 East Jackson Blvd., general contract 23 story and basement, 95 x 130 ft., brick, steel and stone, Michigan Ave. and Lake St., to Paschen Bros., 111 West Washington St., for Michigan-Lake Building Corp., F. T. Hoyt, pres., 160 North La Salle St. Archts. est. $1,500,000. Noted Jan. 14.

Ill., Cicero — THEATRE, STORE and APARTMENT—S. J. Gregory, et al., c/o R. Levine & Co., 822 West 70th St., Chicago, masonry and carpentry contract 3 story and basement, 131 x 160 ft., rein.-con., brick and terra cotta, 25th St. and 53rd Ave., to J. McHugh, 7033 South Morgan St., Chicago, Noted Sept. 17.

Calif., Los Angeles — HOTEL — F. W. Siegel, Ritz Hotel, will build 6 story and basement, rein.-con., Figueroa St. near 6th St., by day labor. $250,000.

Calif., Los Angeles — OFFICE — Forve-Pettebone Co., 816 South Figueroa St., 11 story, 80 x 155 ft., rein.-con., 8th and Beacon Sts., to Stanton, Reed & Hibbard, 620 Metropolitan Bldg., $650,000.

Calif., Los Angeles — STORE and HOTEL — Business Dist. Development Co., Merchants Natl. Bank Bldg., 10 story, 100 x 146 ft., rein.-con., 6th and San Pedro Sts., to Kinne & Westerhouse, 220 Black Bldg., $600,000.

Calif., Los Angeles — STORE, OFFICE and AUDITORIUM—Forve-Pettebone Co., 816 South Figueroa St., 11 story and basement, Beacon and 8th Sts., to Stanton, Reed & Hibbard, Metropolitan Bldg., to exceed $500,000.

Calif., Sacramento—WAREHOUSE, OFFICE, etc.—White Co., 11th and Mission Sts., San Francisco, 1 story, brick, 13th and C Sts., to G. Wagner, Inc., 181 South Park St., San Francisco, $45,000.

Calif., Woodland—STORE and HOTEL—E. L. Younger, et al., will build 2 story, rein.-con., Main St., by day labor. $150,000. W. H. Weeks, 369 Pine St., San Francisco, archt. Noted Oct. 29.

Buildings—Educational Religious

PROPOSED WORK

Mass., Melrose (Ind. br. Boston) — SCHOOL and HEALTH UNIT — City, School Comn., having plans prepared by C. R. Greco, 11 Beacon St., Boston, 4 story and basement, 58 x 120 ft., brick and steel school and health unit. $200,000.

Mass., Norwood — SCHOOL — St. Catherine's School, J. F. Doherty, pastor, having revised plans prepared by McLaughlin & Burr, 88 Tremont St., Boston, 2 story and basement, brick and steel, Nahatan St. $150,000. Noted Dec. 17.

Mass., Springfield—PARISH HOUSE—Trustees Hope Congregational Church having plans prepared by B. H. Seabury, 21 Besse Pl., 3 story, brick and steel, State St. $175,000.

Mass., Worcester — CHURCH — Finnish-Swedish Lutheran Church, E. Johnson, pastor, 21 Stanton St., plans brick, steel and stone church. $150,000. Engineer and architect not selected.

Mass., Worcester — SCHOOL — State Normal School, State House, Boston, plans brick and steel addition to state normal school, here. $150,000. Engineer and architect not selected.

Mass., Worcester—SCHOOL—City, Pub. Building Dept., having plans prepared by J. Rustigian, 405 Main St., 2 story and basement, brick and steel, Nelson Pl. $150,000. Noted Feb. 4.

Mass., Worcester—SCHOOL—City, Pub. Building Dept., City Hall, having plans prepared by F. Cutting, 44 Front St., 2 story and basement, brick and steel, May St. $150,000.

Conn., Bridgeport — CHURCH — First Methodist Church, G. S. Hawley, chn. com., 815 Main St., plans 1 story, brick and steel, Golden Hill St. $250,000. Engineer and architect not selected.

Conn., Bridgeport — SCHOOL — St. Stephens Roman Catholic Parish, S. F. Chernitsky, pastor, rescinded contract 3 story and basement, 115 x 120 ft., brick and stone, Wordin Ave. $200,000. Noted Sept. 3.

Conn., Danbury — DORMITORY — State Normal School, F. M. Salmon, comptroller, State House, Hartford, having plans prepared by O. C. S. Ziroli, 165 State St., Bridgeport, brick and steel dormitory for girls, here. $150,000. Noted May 28.

Conn., Hamden (br. New Haven) — SCHOOL — Town, School Bd. Com., plans 2 or 3 schools, two 8 room and possibly 16 room, Pine St. and Dixwell Ave. To exceed $150,000. Engineer and architect not selected.

Conn., Hartford — APARTMENT — Lapuck Bros., 89 Sharon St., having plans prepared by Berenson & Moses, 30 Allyn St., 4 story, 100 x 115 ft., brick, steel and stone, Charter Oak Pl. $250,000.

Conn., Hartford—SYNAGOGUE—Agudus Achim Congregation Building Com., D. Traub, chn., having preliminary sketches made 3 story, stone, Oakland Terrace. $200,000. Engineer and architect not selected.

Conn., New Britain — SCHOOL — City, J. M. Halloran, chn. school com., having plans prepared by M. J. Unkelbach, 52 Main St., Nathan Hale School, 3 story and basement, brick and steel, Lee and Tremont Sts. $200,000.

Conn., Plainville — HIGH SCHOOL — Town, L. S. Mills, supt. schools, having plans prepared by Towner & Seelew, 363 Main St., Middletown, 3 story, brick, East St. $165,000. Noted July 9.

Conn., Waterbury—CHURCH—Maginnins & Walsh, archts., 100 Boylson St., Boston, soon lets contract 1 story, 140 x 200 ft., rein.-con. stone and steel, plain foundation, West Main St., for Immaculate Conception Roman Catholic Church, 98 East Main St. $500,000.

Conn., Waterbury — SCHOOL — St. Margaret's School, J. N. Lewis, chn., will not construct new school. $150,000. Project abandoned. Noted Jan. 21.

N. Y., Brooklyn—PAROCHIAL SCHOOL—St. Francis Xavier Roman Catholic Church, c/o Murphy & Lehman, engrs. and archts., 159 Remsen St., soon takes bids 4 story, brick, steel and stone, plain foundation, President St. $200,000.

N. Y., Brooklyn — SYNAGOGUE and SCHOOL — Talmud Torah of Crown Heights, c/o I. M. Fenichel, engr. and archt., 273 West 43rd St., New York City, having plans prepared 3 story, brick, steel and stone, plain foundation, Crown St. near Nostrand Ave., here. $200,000.

Pa., Selinsgrove — LIBRARY — Susquehanna University, Selinsgrove, L. P. Young, pres. Bd. Directors, Elklick, plans 3 story and basement, approximately 60 x 100 ft., brick, on campus. $150,000. Engineer and architect not selected.

Md., Owings Mills—DORMITORY—W. W. Emmart, archt., Union Trust Bldg., Baltimore, rejected bids Feb. 3, 2 story and basement, 60 x 150 ft., dormitory, here, for Rosewood State Training School. $150,000. Noted Jan. 21.

O., Alliance — HIGH SCHOOL — City purchased 10 acre site and plans Junior High School, 3 story and basement, also athletic field.

Ind., Indianapolis—HIGH SCHOOL—Bd. School Comrs., 150 North Meridian St., rejected bids Jan. 20, Shortridge High School, 34th St. between Meridian and Pennsylvania Sts. J. E. Kopf & Woolling, 403 Indiana Pythian Bldg., archts. and engrs. H. Foltz, 704 J. F. Wild Bldg., consult. archt. Noted Jan. 7.

Wis., Milwaukee—CONVENT, etc.—E. Brielmaier & Sons, archts., 432 Bway., preparing preliminary plans 4 story and basement, 200 x 275 ft., rein.-con. and brick, convent, power house and laundry, plain foundation. Owner's name withheld.

Ia., Cedar Rapids—GYMNASIUM—Coe College, S. N. Harris, bus. mgr., postponed construction 3 story, rein.-con., brick and stone gymnasium, $175,000, and rein.-con. stadium, $200,000. Noted Nov. 19.

N. D., Grand Forks — GYMNASIUM — Election Feb. 19 (extended date), $150,000 bonds, 3 story and basement, rein.-con. and brick addition to school, for Bd. Educ. J. B. DeRemer, 408 Security Bldg., archt. Noted Dec. 31.

Mo., Columbia — SCHOOLS — Bd. Educ. takes bids about Mar. 1, High School, 2 story, 194 x 214 ft., rein.-con., brick and stone, 7th St. and North Blvd., also Benton Grade School, 2 story, 115 x 165 ft., Tipley and Hinkson Sts. W. B. Ittner, 911 Locust St., St. Louis, archt. Noted Dec. 31.

Mo., Mexico — HIGH SCHOOL — Bd. Educ., T. J. Williams, secy., soon takes bids 2 story and basement, rein.-con. and brick high school. $250,000. B. C. Elliott, Mexico, archt. Noted Dec. 5.

Ark., Jonesboro — DORMITORY—Jonesboro College, J. N. Mallory, pres., having preliminary plans prepared 3 story and basement, concrete and brick dormitory. $150,000. Private plans.

Tex., San Angelo—SCHOOL, etc.—Election Mar. 13, $250,000 bonds, Ward School, 2 or 3 story, rein.-con., brick and stone, and improving present buildings; also $250,000 bonds, Junior College. Phelps & De Wees, 718 Gunter Bldg., San Antonio, archt. Noted Feb. 4.

Calif., Beverly Hills — SCHOOL — Bd. Trustees Beverly Hills School Dist., having plans prepared by Gable & Wyant, 634 South Western Ave., Los Angeles, (1st unit) 6 story and basement, Beverly Vista School site. $150,000. Total $310,000. Noted Jan. 21.

Calif., Centerville—HIGH SCHOOL—Defeated $225,000 bonds, high school addition, incl. gymnasium, auditorium, shops, corridor connections, etc., for Washington Union High School Dist. Noted Jan. 28.

Calif., Claremont — CHURCH — Community Church of Claremont, A. P. Davis, rector, plans (1st unit), rein.-con. church. $150,000. Total $275,000. Allison & Allison, Hibernian Bldg., Los Angeles, archts.

Calif., Los Angeles — HIGH SCHOOL — City having plans prepared by Noerenberg & Johnson, Ry. Bldg., Luther Burbank Junior High School, 4 buildings, 1 and 2 story, brick and rein.-con. $375,000.

Calif., Stockton — MAUSOLEUM — St. Marys Catholic Church, W. E. McGough, pastor, 203 East Washington St., plans (1st unit) rein.-con. and marble, San Joaquin Cemetery. $150,000. Engineer and architect not selected.

Calif., Van Nuys—HIGH SCHOOL—Los Angeles Bd. Educ. rejected bids Jan. 13, 2 story, 75 x 225 ft. domestic science building, 1 story, 72 x 223 ft. manual arts building, and 1 story, 30 x 40 ft. boiler house, here. $160,000. Will readvertise. Noted Jan. 28.

Ont., Belleville — COLLEGIATE — Bd. Educ., having plans prepared by Thomson & Johnson, 224 Front St., 3 story and basement, rein.-con., brick and steel, plain foundation. $325,000.

Ont., St. Catherines—COLLEGE—Ridley College, having plans prepared by Marani & Parsley, 219 Bay St., Toronto, 3 story, rein.-con., brick and steel addition, plain foundation. $300,000.

Ont., Toronto — HIGH SCHOOL COMMERCE — Bd. Educ., 155 College St., having plans prepared by C. E. Dyson, c/o owner, 2 or 3 story, rein.-con., brick and steel, plain foundation, West End. $375,000.

Ont., Toronto—SCHOOL—Bd. Educ., 155 College St., having plans prepared by C. D. Dyson, c/o owner, 2 story and basement, rein.-con., brick and steel addition, plain foundation, Jarvis St. $150,000.

BIDS DESIRED

Mass., Quincy (Ind. br. Boston)—HIGH SCHOOL — Feb. 26 (extended date), by City, Pub. Building Dept., City Hall, superstructure 3 story and basement, 82 x 134 ft., and 70 x 170 ft., brick, steel and stone, Hancock St. $500,000. F. I. Cooper, 983 Main St., Hartford, archt.

Mass., Walpole—HIGH SCHOOL—Mar. 1, by Town, F. L. Mansur, supt. schools, 2 story and basement, brick and steel high school. $300,000. R. M. Stowell, 184 Boylston St., Boston, archt. Noted Sept. 17.

Conn., Stamford—SCHOOL—City, C. H. Martin, chn. School Com., taking bids 3 story and basement, 20 room, brick and steel, Lockwood Ave. $300,000. Allen & Chapman, 315 5th Ave., New York City, archt.

Conn., Waterbury—CHURCH—Feb. 23, by Immaculate Conception Church, W. J. McGurk, pastor, 1 story and basement, 140 x 191 ft., brick, steel and stone, West Main St. $250,000.

N. J., Maplewood (br. South Orange) — HIGH SCHOOL—Mar. 8, (extended date), by Bd. Educ. School Dist. of South Orange and Maplewood, new high school, Parker Ave., here. M. M. Pryor, dist. clk.; adv. E. N.-R. Feb. 18. Noted Feb. 11

Pa., Erie — SCHOOL — Feb. 25, by Bd. Educ., 2 story, 18 room, brick, steel and concrete addition to Wayne School. $250,000. W. W. Myers, Library Bldg., archt. Mayer & Valentine, Plymouth Bldg., Cleveland, O., heating engr. Noted Dec. 24.

Pa., Moylan—ACADEMY—Feb. 23, by E. G. Perrot, archt., 1211 Arch St., Phila., 3 story and basement, 77 x 92 x 188 ft. and arcade, brick and stone, plain foundation, incl. gymnasium and chemical laboratory, for Sisters Notre Dame.

Pa., Phila.—COLLEGE, etc.—Feb. 27, by St. Josephs College, A. G. Brown, pres., 17th and Stiles Sts., 2½ story and basement, 184 x 241 ft., irregular shaped, rein.-con., brick, steel and stone college, etc., 54th St. and city line. $1,500,000. F. F. Durand, 1220 Locust St., archt. Noted Sept. 17.

Pa., Phila. — SYNAGOGUE and COMMUNITY CENTER — Feb. 22, by A. J.

See proposal advertisements on page 120, Advertising Section.

Buildings—Educational, Religious (Cont.)

Sauer Co., archts., 1505 Race St., 3 story and basement, 108 x 179 ft., brick and steel, plain foundation, 63rd and Ludlow Sts., for West Phila. Jewish Community Center, c/o architect.

Fla., Daytona—SCHOOLS—Mar. 4, by Bd. Pub. Instruction Volusia Co. (DeLand) erecting and completing high school, here, H. M. Griffin, 512½ Main St., Daytona Beach, archt.; also constructing grammar school, here, W. J. Carpenter, 1st Natl. Bank Bldg., DeLand, archt.

Miss., Laurel—HIGH SCHOOL—Feb. 24, by Laurel City School, R. H. Watkins, supt., at Mayors office, Junior High School, 1 and 2 story, 150 x 200 ft., rein.-con., brick and hollow tile. $150,000. P. J. Krouse, Meridian, archt. Noted Feb. 4.

O., Kent—TRAINING SCHOOL—State Normal School, Kent, taking bids 3 story and basement, 65 x 274 ft., concrete, brick and steel school. $350,000. Ronan & Ingleson, 1614½ North High St., Columbus, archts.

Mich., Melvindale (Dearborn P. O., R. F. D. 2)—SCHOOL—Mar. 1, by Van Leyen, Schilling & Keogh, archts., 3440 Cass Ave., Detroit, 2 story and basement, 110 x 200 ft., rein.-con., brick and steel, plain foundation, here, for Bd. Educ. $150,000. Noted Jan. 7.

Wis., Milwaukee — CONTINUATION SCHOOL — Mar. 1, by A. O. Muehl, secy. Bd. Industrial Educ., 7th and Prairie Sts., structural steel for (3rd unit) 6 story and basement, 143 x 268 ft., brick and concrete, plain foundation, State St. $1,000,000. Van Ryn & De Gelleke, 114 Grand Ave., archts. Noted Jan. 21.

Minn., Rochester—SCHOOL, etc.—Feb. 25, by Bd. Educ., 3 story and basement, 64 x 244 ft., rein.-con., brick and stone school, and power plant with three 204 hp. boilers, softeners, etc. $300,000. H. H. Crawford, Rochester, archt. Noted Nov. 26.

Neb., Omaha—HIGH SCHOOL—Feb. 25, by Bd. Educ., 2 story and basement, 210 x 367 ft., 52nd and Maple Sts. $620,000. J. and A. McDonald, Standard Oil Bldg., archts. Noted June 25.

Mo., St. Louis—CHURCH—Feb. 23, H. P. Hess, archt., 1237 North Taylor Ave., 2 story and basement, 60 x 164 ft., rein.-con., brick and stone, Carter and Marcus Sts., for St. Engelberts Parish, c/o A. J. Von Brunn, pastor, 4740 Carter Ave. $200,000.

Tex., Ft. Worth—HIGH SCHOOL—Feb. 23, by Bd. Trustees Ft. Worth Independent School Dist., 3 story, rein.-con., brick and stone, Nashville St. and Ave. B Polytechnic. W. G. Clarkson & Co., 610-11 1st Natl. Bank Bldg., archts.

Okla., Enid—CHURCH—Feb. 22, by First Presbyterian Congregation, 3 story and basement, 18 by 136 ft., rein.-con., steel and stone. $150,000. R. W. Shaw, Masonic Temple Bldg., archt. Noted July 30.

Wash., Olympia—HIGH SCHOOL—Mar. 3, by School Bd., 3 story and basement, 77 x 150 ft., brick and steel addition, wood pile foundation, Washington St. $180,000. J. H. Wohleb, Olympia, engr. and archt. Noted Jan. 28.

BIDS RECEIVED

Mich., Detroit — SCHOOL — Bd. Educ., 1354 Bway. Ave., general contract 2 story and basement, 110 x 200 ft., rein.-con., brick and steel, plain foundation, St. Aubin Ave., from Corrick Bros., 507 Owen Bldg., $202,000; heating system, from Drake Avery Co., 210 State St., $59,626. Noted Jan. 28.

CONTRACTS AWARDED

Conn., Wallingford — SCHOOL — City, School Com., City Hall, 6 rooms of proposed 12 room, 2 story and basement, 70 x 100 ft., brick and steel, East Center St., to Loucks & Clarke, Ernest St., $49,988. Noted Dec. 10.

Pa., Avalon (Pittsburgh P. O.)—HIGH SCHOOL—School Dist., 2 story and basement, 96 x 113 ft., irregular shaped, brick and steel, California Ave., to J. G. Fullman Co., E. E. Savings & Trust Building, Pittsburgh. Archts. est. $250,000. Noted Jan. 28.

Pa., Phila.—SCHOOL—St. Francis De Sales Parish, Springfield Ave. and Farragut Terrace, 4 story and basement, 69 x 121 ft., rein.-con. and stone addition, plain foundation, to Farrell-Roth Co., 123 South 21st St. Archts. est. $250,000.

Pa., Phila. — SCHOOL — J. D. Cassell, supt. buildings, 19th and Chestnut Sts., Junior High School, 4 story and basement, 159 x 268 ft., brick and concrete, plain foundation, 66th and Elmwood Sts., general contract, to Cramp & Co., Denckla Bldg., $1,028,307; heating and plumbing, to S. Faith & Co., 2427 Pennsylvania Ave., $140,857; electrical work, to E. F. Goldhahn, 8619 Crothers St., $63,552, for Bd. Educ. Grand total $1,232,716. Noted Feb. 11.

Pa. Phila.—SCHOOL—J. D. Cassell, supt. buildings, 19th and Chestnut Sts., Junior High School, 4 story and basement, 159 x 268 ft., rein.-con. and brick, plain foundation, 26th and Cumberland Sts., general contract to Cramp & Co., Denckla Bldg., $1,011,956; plumbing, to L. J. Sommer & Son, 2436 Brown St., $45,934; heating, to S. Faith & Co., 2427 Pennsylvania Ave., $93,993; electrical work, to E. F. Goldhaln, 8619 Crothers St., $61,738, for Bd. Educ. Grand total $1,213,621. Noted Feb. 11.

La., New Orleans — SCHOOL — E. A. Christy, archt., City Hall Annex, 3 story, brick and stone, Rocheblave and Onzago Sts., to T. H. Brockman, Hibernia Bldg., for Orleans Parish School Bd. $290,000. Noted Jan. 21.

O., Newton Falls—SCHOOL and COMMUNITY HOUSE—Bd. Educ., H. C. Wolcott, clk., 1 and 2 story, brick, steel and concrete, to Laird Bros. Constr. Co., Ashtabula. Archts. est. $150,000.

Neb., Lincoln—SCHOOL—Bd. Educ., L. G. Ludlam, secy., Park Grade School, 2 story and basement, rein.-con., brick and stone, 9th and F Sts., to E. Rokohr & Son, Lincoln. $293,700. Noted Sept. 10.

Neb., Lincoln—SCHOOL—Bd. Educ., J. G. Ludlam, secy., Junior High School, 3 story and basement, 191 x 314 ft., brick, rein.-con. and stone, and 1 story shop, 22nd St., to Olson Constr. Co., Chapin Bldg., Lincoln, $475,000. Noted Dec. 31.

Calif., Oakland—SCHOOL—City, general contract 2 story, concrete addition, to Prescott School, to Lawton & Vezey, 354 Hobart St., $112,060. Noted Feb. 4.

Calif., Oakland—SCHOOL—City, general contract fireproof annex to Elmhurst School, here, to W. G. Thornalley, 354 Hobart St., $138,600. Noted Jan. 7.

Federal Government Work

PROPOSED WORK

D. C., Wash.—Hospital and Recreation—U. S. Veterans Bureau, Arlington Bldg., soon takes bids permanent hospital and recreation buildings, for Walter Reed Hospital.

Fla., Pensacola—Fuel Oil Storage, etc.—Spec. 5107—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids Feb. 10, fuel oil and gasoline storage tanks, for Naval Air Station, here. Will readvertise. Noted Jan. 28.

Mich., Muskegon—Breakwater—U. S. Engineers Office, War Dept., Wash., D. C., plans arrowhead breakwater, outside existing piers, etc., here.

Ore., Astoria—Quarters—Spec. 5170—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans double quarters at Naval Radio Station, here. L. E. Gregory, ch. bureau.

BIDS DESIRED

Mass., South Boston (sta. Boston)—Spec. 5185—Mar. 3, by Pub. Wks. Office, Navy Yard, Boston, dredging at Naval Dry Dock, here. L. E. Gregory, ch. bureau.

Pa., Erie—Remodeling—Mar. 3, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

Pa., Phila.—Steel Work—Mar. 1, by Q. M. I. Depot, 21st St. and Oregon Ave., erecting structural steel work and furnishing steel sheeting, etc., for extension boiler house, here; adv. E. N.-R. Feb. 18.

Pa., Phila.—Tunnel, etc.—Feb. 26, at Q. M. I. Depot, 21st St. and Oregon Ave., concrete tunnel, excavation, etc., for boiler house extension, here; adv. E. N.-R. Feb. 18.

Ky., Louisville—Dam—Mar. 15, by U. S. Engineer Office P. O. Box 72, constructing Dam 51, Ohio River, and abutment at Golconda, Ill.; adv. E. N.-R. Feb. 18.

O., Toledo—Dredging—Mar. 17, by U. S. Engineer Office, Detroit, Mich., dredging in Maumee Bay Channel, here; adv. E. N.-R. Feb. 18.

Ind., Terre Haute—Post Office—Mar. 10, by Treas. Dept., at office Supervising Archt., Wash., D. C., constructing post office and court room, here.

Mich., Jackson—Post Office—Mar. 8, by Treas. Dept. at office Supervising Archt., Wash., D. C., extension to U. S. Post Office and Court House, here; adv. E. N.-R. Feb. 18.

BIDS RECEIVED

Wyo., Cheyenne—Additions—Treas. Dept. at office Supervising Archt., Wash., D. C., Feb. 10, construction mezzanine floor, store room, vault extensions, etc., at U. S. Public Building, here, from C. Weitz Sons, 713 Mulberry St., Des Moines, Ia., $2,679. Noted Jan. 28.

Tex., Galveston—Dredging—U. S. Engineer Office, Feb. 3, dredging channel between Port Aransas and Corpus Christi, from Atlantic, Gulf & Pacific Co., 15 Park Row, New York City, N. Y., at $0.08 per cu.yd., total $262,020. Noted Jan. 7.

Tex., Galveston—Pipe—U. S. Engineer Office, 300 lengths shore pipe, from Kane Boiler Wks., 2718 C St., $11,536.

Utah, Hyrum — Drilling — Bureau Reclamation, Salt Lake City, drilling (a) 1,000 lin.ft. or (b) 2,500 lin.ft. for foundations at reservoir site, Cache Valley Project, on Littel Bear River, here, from E. J. Longyear Exploration Co., 710 Security Bldg., Minneapolis, Minn., (a) $3,900 and (b) $1,750.

Calif., Eureka—Radio Tower—Spec. 5161—Bureau Yards & Docks, Navy Dept., Wash., D. C., Feb. 10, steel and concrete radio tower at Naval Radio Station, here, from R. E. Bergund, Beverly Hills, (1) $3,900 and (3) $2,900. Noted Jan. 14.

Calif., Santa Rosa—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., Feb. 15, remodeling and enlarging Post Office, here, from H. Papenhausen, 532 3rd Ave., San Francisco, $16,000. Noted Jan. 28.

CONTRACTS AWARDED

Pa., Phila. — Barges — U. S. Engineers Office, 1505 Race St., 3 steel barges, to Wheeler Shipyard, Coney Island Creek and Harway Ave., Brooklyn, N. Y. $6,435.

Ga., Savannah—Barges—U. S. Engineer Office, 3 steel barges, to Bethlehem Ship Building Corp. Ltd., 25 Bway., New York City, $35,700. Noted Jan. 7.

Fla., Jacksonville—Storehouse, etc.—U. S. Engineer Office, storehouse, road, etc., at dredge depot, to C. T. Fogle Constr. Co., Jacksonville, $23,363. Noted Jan. 14.

Ala., Mobile—Water Pipe—Treas. Dept. at office Supervising Archt., Wash., D. C., submarine water pipe and electric cables for proposed Quarantine Station, Sand Island, near here, to Virginia Eng. Co., Newport News, Va., $15,887. Noted Feb. 11.

Ky., Louisville—Dam—U. S. Engineer Office, P. O. Box 72, constructing Sects. A and B, Dam 41, in Ohio River, to Byllesby Eng. & Management Corp., 231 LaSalle St., Chicago, Ill., $2,056,168. Noted Dec. 24.

Ky., Louisville—Scows—U. S. Engineer Office, Box 72, 2 steel dump scows, to Dubuque Boat & Boiler Wks., Dubuque, Ia., $34,900. Noted Dec. 24.

Minn., Fort Snelling (br. St. Paul)—Hospital—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., general contract U. S. Veterans Hospital, here, to Murch Bros. Constr. Co., Ry. Exch. Bldg., St. Louis, Mo., $1,277,725. Noted Feb. 4.

Mo., Kansas City—Current Retards—U. S. Engineer Office, 1,350 lin.ft. current retards at South Point, to Woods Bros. Constr. Co., 132 South 13th St., Lincoln, Neb., $72,900.

Ariz., Prescott—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., post office, here, to W. D. Lovell, 1415 5th St. S. E., Minneapolis, Minn., $41,163 (12 mo.). Noted Feb. 4.

Unclassified

PROPOSED WORK

Swimming Pool—Bridgeport, Conn.—City, Bd. Aldermen, City Hall, plans swimming pool on site to be donated by Bridgeport Hydraulic Co. $50,000. J. McElroy, city engr.

Traffic Signals—Bridgeport, Conn.—City, Police Bd., S. Dawe, comr., plans traffic signals at Park and State Sts., Park and John Sts., Park and Fairfield Sts., John and Broad Sts., John and Courtland Sts., John and Main Sts., Main and State Sts., Main and Fairfield Sts., Main and Elm Sts., Main and Golden Hill Sts., Congress and Main Sts., Congress and Housatonic Sts., Middle and Fairfield Sts., Fairfield and Water Sts., Fairfield and Broad Sts., Fairfield and State Sts., Bedford and State Sts. $25,000.

Natatorium—Camden, N. J.—City plans natatorium at Pyne Point Park. $30,000. Engineer and architect not selected.

Gas Mains—Trenton, N. J.—Pub. Serv. Gas Co., East State St., plans 2 mi. mains in Pennington Rd. from city line to Carlton Ave. H. H. Newman, agt. in charge.

Fill—Leesburg, Fla.—City plans filling in low and overflow lands. $105,000. H. S. Jandon Eng. Co., Leesburg, engrs.

See proposal advertisements on page 120, Advertising Section.

Unclassified (Continued)

Sea Wall—Gulfport, Miss.—Bd. Supervs. Harrison Co., election soon $1,391,224 bonds, 2.92 mi. rein.-con. sea wall, incl. 41,045 Type A and 11,392 ft. Type B wall. H. D. Shaw, Gulfport, ch. engr.

Wharves, Docks, etc. — Louisiana — Plaquemine Parish Wharves, Docks & Shipping Terminals (recently incorporated), 329 Tchoupitoulas St., New Orleans, plans 10 mi. wharves, docks, etc., along river front from Orleans Parish line to Cedar Grove plantation.

Athletic Field—Alliance, O.—See "Buildings, Educational, Religious."

Park — Detroit, Mich. — Dept. Park & Boulevards, H. W. Busch, comr., Marquette Bldg., making plans improving River Rouge Park, incl. grading and surfacing drives, constructing amphitheatre, playground, etc.

Transmission Line—Wisconsin—Wisconsin Valley Electric Co., 206 3rd St., Wausau, plans rebuilding approximately 25 mi. transmission line between Stevens Point and Mosinee.

Culverts — Grundy Center, Ia. — See "Bridges."

Coliseum — Omaha, Neb. — Ak-Sar-Ben Assn., Court House, having plans prepared by G. B. Prinz, 1037 Omaha Natl. Bank Bldg., 2 story and basement coliseum, Ak-Sar-Ben Field. $450,000.

Steam Turbine Unit — Newport, Ark. — Arkansas Light & Power Co., Picron St., Little Rock, plans 1,500 hp. unit at plant, here. $140,000. R. E. Burton, Little Rock, engr.

Hydro-Electric Development—Tahlequah, Okla.—See "Buildings—Industrial."

Swimming Pool — Marysville, Calif. — Making plans rein.-con.. swimming pool. G. C. Sellon & Co., California State Life Bldg., Sacramento, archts. Noted Sept. 10.

Ornamental Lighting System — Long Beach, Calif.—Plans ornamental street lighting system on American Ave. between Ocean Blvd. and Anaheim Sts. To exceed $25,000. Pacific Electric Ry. Co., 610 South Main St., Los Angeles, appropriates $11,500 of total cost. R. D. Van Alstine, city engr.

Auto Subway—Oakland, Calif.—City and Alameda Co. plan automobile subway, foot of Goss St. $400,000. City and County appropriated $100,000 each, and Southern Pacific R.R. Co., 65 Market St., San Francisco, $200,000 toward cost. G. A. Posey, Oakland, co. surv. W. W. Harmon, city engr.

Ornamental Lighting System—Palo Alto, Calif. — City plans ornamental lighting system in El Camino Real (Mayfield Dist.) between Stanford Ave. and Page Mill Rd. $25,000 or more.

Piers, etc.—San Francisco, Calif.—State Bd. Harbor Comrs., Ferry Bldg., making plans constructing Pier 45, 1,200 ft. long, 382 ft. wide, concrete, providing 4 berths, 4 freight sheds and freight slip, $1,966,000; Pier 52 (inner unit) 650 ft. long, 376 ft. wide, concrete; 2 berths, 2 sheds incl. adjacent bulkhead wharf, $1,115,000; Pier 48 (inner unit) 600 ft. long, 376 ft. wide, concrete, $889,000; 150 ft. extension to Pier 41, on north side, $40,000; Pier 15, widening pier 30 ft., and reconstructing railroad track and new shed, $185,000. F. G. White, Ferry Bldg., ch. engr.

Storage Tank — Sausalito, Calif. — Lawrence Warehouse Co., 37 Drumm St., San Francisco, making estimates 1 m.g. steel alcohol storage tank, here.

Grain Elevator—Midland, Ont.—J. Playfair, having plans prepared rein.-con. grain elevator, waterfront. $500,000. Private plans.

BIDS DESIRED

Timber Flume, etc.—Brooklyn, N. Y.—Feb. 19, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., timber flume and signal tower foundations, at Coney Island Yard, Shell Rd., here.

Lighting System—Gouverneur, N. Y.—Mar. 18, by Bd. Light, Comrs., Municipal Bldg., street lighting and distribution system. L. C. Reynolds, 387 Castle St., Geneva, engr.; adv. E. N.-R. Feb. 18.

Lighting System — New York, N. Y. — Mar. 1, by Bd. Health, 505 Pearl St., L. I. Harris, pres., underground system, roadway lighting, etc. in various buildings, Riverside Hospital, North Brothers Island, Bronx.

Subway—New York, N. Y.—Feb. 26, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., subway Sect. 1, Route 102, under and along Greenwich and 8th Aves. from Bank to West 17th Sts.

Lighting System — Phila., Pa. — See "Streets and Roads."

Swimming Pool, etc.—Oakmont, Pa.—See "Contracts Awarded."

Culvert—Cleveland, O.—Feb. 26, by City, concrete culverts enclosing portion Doan Brook, in Wade Park. $25,000. R. Hoffman, City Hall, engr.

Transmission Line — Wisconsin — See "Materials under Wausau."

Transmission Line — Oklahoma — See "Contracts Awarded."

Wharf—Monterey, Calif.—Feb. 23, by A. J. Mason, city clk., Municipal Wharf 2, steel $262,000 available. F. B. Smith, 350 Holbrook Bldg., San Frnacisco, engr. Noted Dec. 24.

Grand Stand—Sacramento, Calif.—Mar. 2, by State Dept. Pub. Wks., rein.-con., brick and steel grand stand at fair grounds. G. B. McDougall, Forum Bldg., archt.

BIDS RECEIVED

Banana Unloaders—New Orleans, La.—Bd. Port Comrs., New Courthouse Bldg., Feb. 9, 2 banana unloaders, at Erato Street Wharf, from B. N. Davis, 1006 Tchonpitoulos St., $45,379. Noted Feb. 4.

Ornamental Lighting System—Los Angeles, Calif.—Ornamental lighting system on Hillhurst Ave. between Los Feliz and Hollywood Blvds., from D. S. McEwan, 127 Pier Ave., Ocean Park, $32,200.

Swimming Pool—Los Gatos, Calif.—D. M. Winning, city clk., Feb. 1, general contract 40 x 70 ft. tank and building, from J. D. Carlson, 235 Sierra St., San Jose, $14,168-$15,520. Noted Jan. 21.

CONTRACTS AWARDED

Borings—New York—Bd. Transportation, J. A. Delaney, chn., 49 Lafayette St., land and water borings, South St., Boro Manhattan, East River from Fulton St., Manhattan to Cranberry St., Brooklyn, Route 101 A-1, Agreement "EH," to E. J. Longyear Exploration Co., 710 Security Bldg., Minneapolis, Minn., $21,933. Noted Jan. 7.

Swimming Pool, etc. — Oakmont, Pa. — Oakmont Motor Boat Co., c/o J. T. Anderson, will build 125 x 325 ft. rein.-con. swimming pool, 110 x 216 ft. U shaped bath house, and 1,280,000 gal. filter plant, by separate contracts. $150,000. W. H. King, Ferguson Bldg., Pittsburgh, engr.

Tipple and Conveying System—Williamson, W. Va.—Portsmouth By-Products Co., tipple and conveying system, to Link Belt Co., Huntington Park and Nicetown St., Phila., Pa., $250,000.

Foundation — West Palm Beach, Fla. — See "Buildings — Commercial under Proposed work."

Wharf—Lake Charles, La.—Bd. Comrs. Harbor & Terminal Dist., creosoted timber wharf with 2 railroad tracks, to Banta & Mautersbaugh, Lake Charles, $165,497. Noted Jan. 28.

Electrical Wiring—New Orleans, La.—S. Stone, Jr., archt., 714 Union St., wiring 18 story Masonic Temple, St. Charles and Perdido Sts., to Freeman-Barlow, Inc., 713 St. Charles St., $78,765. Noted Oct. 15.

Foundation—Indianapolis, Ind.—Trustees Indiana World War Memorial, Indiana World War Memorial Bldg., St. Clair and Meridian Sts., foundations for Central Shrine Indiana World War Memorial Plaza, Meridian, Pennsylvania, Michigan and Vermont Sts., to E. C. Strathmann Co., 4220 Central Ave., $289,000. Noted Jan. 7.

Boiler Settings — Detroit, Mich. — Pub. Lighting Comn., 174 East Atwater St., boiler settings for municipal power house, Morrell St., to Combustion Eng. Co., 51 Broad St., New York City, $239,500. Engrs. est. $235,000. Noted Jan. 28.

Generators—Decatur, Ill.—City Council, two 625 kw. steam turbine generators and excitors, 2 new condensors and auxiliaries, also switch board panel, to Allis-Chalmers Co., West Allis, Milwaukee, Wis., $51,825. Noted Feb. 4.

Transmission Line — Wisconsin — See Materials under Wausau, Bids Desired."

Rein.-con. Wall—St. Louis, Mo.—Bellefontaine Cemetery Assn., Security Bldg., 1,000 ft. rein.-con. wall, 50 ft. high, along edge cemetery, West Florissant Ave., to St. Louis Contg. Co., 4425 Clayton Ave. Engrs. est. $40,000.

Transmission Line — Oklahoma — Oklahoma Gas & Electric Co., 112 North Bway., Oklahoma City, will build electric transmission line from Stillwater to Perkins and to sand pit south of Perkins, by day labor. $35,000. Byllesby Eng. Co., 231 South La Salle St., Chicago, Ill., engrs.

Oil Reservoir — Tracy, Calif. — Southern Pacific R.R., 65 Market St., San Francisco, 1,100 ft. oil reservoir, 600 ft. wide, 30 ft. deep, 3,000,000 bbl. capacity, to Bent Bros., 418 South Pecan St., Los Angeles.

Materials

PROPOSED WORK

Sand Grit—Long Island City, N. Y.—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., rejected bids Jan. 29, 5,000 cu.yd. sand grit and 23,000 tons steam ashes. Noted Feb. 4.

Road Oil — Kewanee, Ill. — Wethersfield and Kewanee Twps. plan to purchase 100,000 gal. road oil. at $0.06 per gal. J. Mayhew, highway comr.

Road Oil—Rio, Ill.—Rio Twp. plans to purchase and spread 60,000 to 70,000 gal. road oil. A. Robertson, Rio, highway comr.

BIDS DESIRED

Asphaltic Cement—St. George, N. Y.—Feb. 24, by J. A. Lynch, pres. Richmond Boro, Boro Hall, 300 tons asphaltic cement; 100,000 gal. bituminous road surfacing material; 276,000 gal. asphaltic macadam binder for hot application; 1,100 cu.yd. concrete and paving sand; 2,600 cu.yd. 1½ in. and 450 cu.yd. ¾ in. broken stone, 500 cu.yd. screenings; 3,800 cu.yd. 1½ in. and 225 cu.yd. ¾ in. broken stone, 225 cu.yd. screenings; 1,850 cu.yd. trap rock screenings; 1,650 cu.yd., 700 cu.yd. and 1,850 cu.yd. pea gravel for Dists. 1, 2, 3 respectively.

Crushed Stone, etc. — Freehold, N. J. — Mar. 3, by Bd. Freeholders Monmouth Co., Court House, crushed stone, slag and gravel, etc. for road work during 1926. G. K. Allen, Jr., Red Bank, engr.; adv. E. N.-R. Feb. 18.

Railroad Crossing Frogs, etc.—Newark, N. J.—Feb. 20, at office T. L. Raymond, mayor, City Hall, railroad crossing frogs, curb boxes, 30 in. c.i. pipe, specials, etc.

Stone, etc.—Newark, N. J.—Feb. 23, by City Council, 2,000 tons 1½ in. and 500 tons ¾ in. stone, also, 2,000 tons stone screenings.

Pig Lead—Phila., Pa.—Feb. 23, by Dept. Pub. Wks., Bureau Water, 50,000 lb. pig lead, Contr. 794.

Cast Iron Pipe, etc.—Laurel, Miss.—City in market 16 ft. length 6 and 8 in. Class B, c.i. pipe without prepared joint, also fire hydrants.

Gravel — Louisiana — See "Streets and Roads."

Gravel — Logansport, La. — Mar. 2, by State Hy. Comn., Baton Rouge, 5,691 cu.yd. washed and screened gravel, f.o.b. here, for Federal Aid Project 152 C, De Soto Parish.

Stone and Cement, etc.—Cleveland, O.—Feb. 19, by City, 8,500 tons crushed stone, 4,000 tons binder stone, 12,000 bbl. Portland cement, 10,000 sacks lumnite cement, 200,000 gal. road oil, 7,500 tons paving sand and 15,000 tons asphalt sand.

Road Oil—Arcola, Ill.—Street and Alley Comn. taking bids 20,000 gal. road oil spread on streets. O. R. Twiford, mayor.

Road Oil, etc.—Two Rivers, Wis.—Feb. 23, by R. Biehl, city mgr., 1 carload each road oil and tarvia.

Wire, Insulator, etc.—Wausau, Wis.—F. Nolte, purch. agt. Wisconsin Valley Electric Co., 206 3rd St., taking bids wire, insulators, wooden poles, cross arms, etc. for approximately 40 mi. transmission line from Wausau to Antigo. Work will be done by day labor. Private plans.

Road Oil—Anaheim, Calif.—City in market 2,400 bbl. road oil. E. B. Merritt, city clk.

Pipe, etc.—Oroville, Calif.—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Asphalt Cement, etc.—Hamilton, Ont.—Feb. 24, by S. H. Kent, chn. Bd. Control, addressed to F. Treleaven, mayor, City Hall, asphalt cement, broken stone, limestone dust, vitr. and concrete sewer pipe, asphaltic sand, gravel, c.i. pipe, etc.

Asphalt, etc.—Ottawa, Ont.—Feb. 23, by Bd. Contract, asphalt, asphaltic filler, lead pipe, pig lead, sand, stone, castings, road oil, vitr. and concrete sewer pipe, etc., for Dept. Supplies. A. F. Macallum, City Hall, engr.

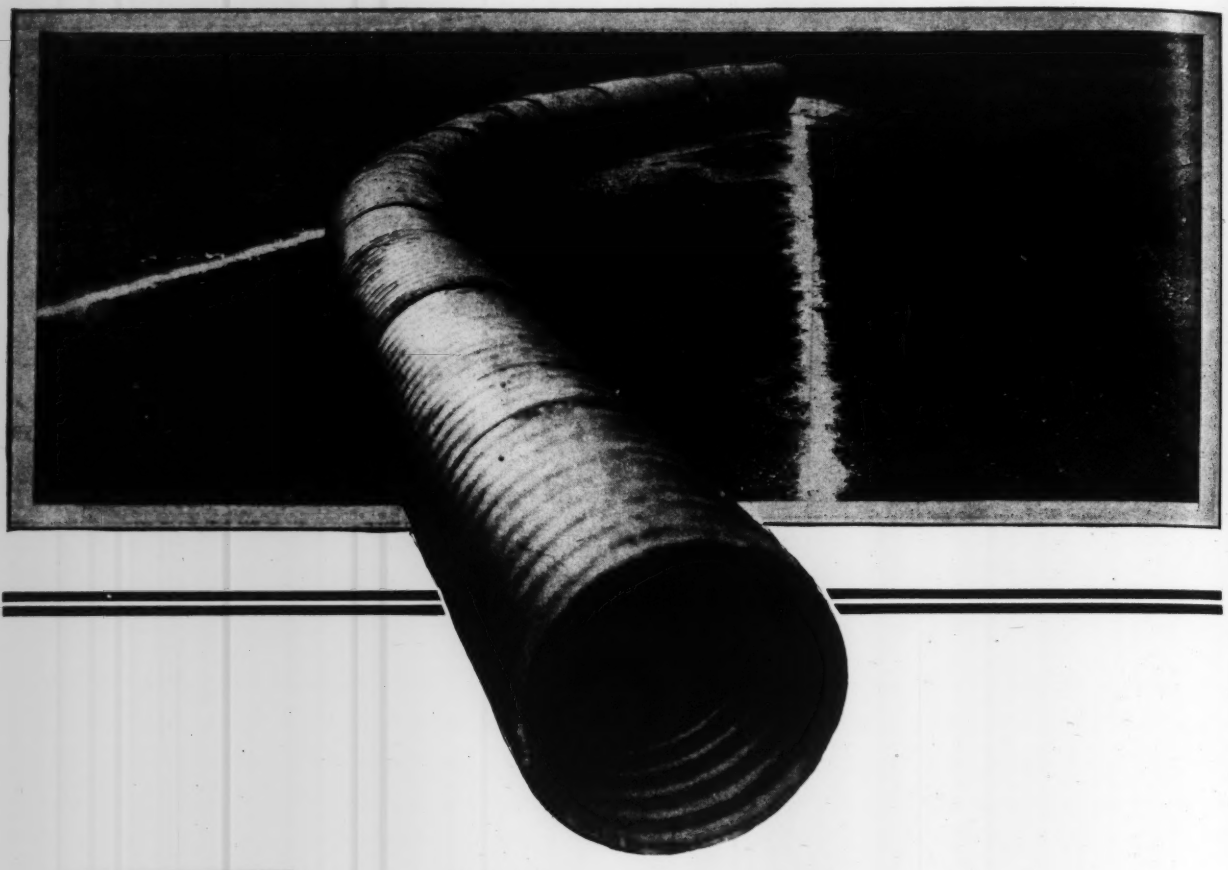
CONTRACTS AWARDED

Macadam Binder — Long Island City, N. Y. — M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., 350,000 gal. macadam binder and 600,000 gal. road oil for cold application, to Standard Oil Co. of New York, 23 Bway., New York City, $23,884 and $37,560 respectively. Noted Feb. 4.

Sand Grit—New York, N. Y.—H. Bruckner, pres. Bronx Boro, Crotona Park, Tremont and 3rd Aves., 10,000 cu.yd. sand grit, to Ames Building Material Co., 3437 Kingsbridge Rd., $16,300. Noted Feb. 11.

Road Oil—White Hall, Ill.—City Council, 60,000-100,000 gal. 60 to 75% asphalt road oil, to Iowa Road Building Co., 417 10th St., Des Moines, Ia., at $0.0534 per gal. Noted Jan. 28.

See proposal advertisements on page 120, Advertising Section.



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